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Translation

USSR ECONOMY IN 1978: STATISTICAL YEARBOOK



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USSR ECONOMY IN 1978: STATISTICAL YEARBOOK

Moscow NARODNOYE KHOZYAYSTVO SSSR V 1978: STATISTICHESKIY YEZHEGODNIK
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Annotation

The statistical yearbook contains the most important data on the economic and social development of the USSR in 1978. Data, which characterize the population, the development of the sectors of the national economy, science and technology and the increase of the material well-being and cultural level of the life of the Soviet people, are published in it. The indicators of the development of the economy and culture of the union republics are also cited.

Some data, which characterize the development of the other socialist countries, are published.

Comparisons with the indicators of the United States and other capitalist countries are given in the yearbook with respect to the most important indicators of the development of the economy and culture of the USSR.

The yearbook is designed for economists, statisticians, scientists, party and management workers and propagandists.

Foreword

The statistical yearbook contains the data on the economic and social development of the USSR in 1978, as well as comparisons with 1913, 1928, 1940, 1970 and several other years.

Some data, which characterize the development of the economy and culture of the other socialist countries, are also published in it. A comparison with capitalist countries is given for a number of indicators.

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■ For the years of Soviet power the data are cited for the territory within the boundaries of the corresponding years, while for the prerevolutionary years, except in specially stipulated cases, they are cited for the territory within the present boundaries of the USSR.

The data for 1977 in some tables have been revised as compared with the previously published data, for 1978 the data in a number of instances are preliminary.

USSR Central Statistical Administration

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THE TERRITORY AND THE POPULATION

Years	Size of the Population*				
	Size of pop- ulation, millions	Including		Percent of total population	
		urban	rural	urban pop- ulation	rural pop- ulation
1913	159.2	28.5	130.7	18	82
1940	194.1	63.1	131.0	33	67
1951	181.6	73.0	108.6	40	60
1956	197.9	88.2	109.7	45	55
1959	208.8	100.0	108.8	48	52
1961	216.3	107.9	108.4	50	50
1966	232.2	123.7	108.5	53	47
1967	234.8	126.9	107.9	54	46
1968	237.2	129.8	107.4	55	45
1969	239.5	132.9	106.6	55	45
1970	241.7	136.0	105.7	56	44
1971	243.9	138.8	105.1	57	43
1972	246.3	142.0	104.3	58	42
1973	248.7	145.4	103.3	58	42
1974	250.9	148.6	102.3	59	41
1975	253.3	151.9	101.4	60	40
1976	255.6	155.1	100.5	61	39
1977	257.9	157.9	100.0	61	39
1978	260.1	160.6	99.5	62	38
1979					
on 17 January	262.4	163.6	98.8	62	38
on 1 July	263.4	164.4	99.0	62	38

* In this and subsequent tables of the section the data are cited within the present boundaries of the USSR, for 1913--at the end of the year; for 1959 and 1970--according to the census on 15 January; for 1979--according to the census on 17 January; for the remaining years--at the beginning of the year.

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Years	Number of Men and Women				
	Total population, millions	Including		Percent of total population	
		men	women	men	women
1913	159.2	79.1	80.1	49.7	50.3
1940	194.1	93.0	101.1	47.9	52.1
1951	181.6	79.9	101.7	44.0	56.0
1956	197.9	88.5	109.4	44.7	55.3
1959	208.8	94.0	114.8	45.0	55.0
1961	216.3	97.9	118.4	45.3	54.7
1966	232.2	106.3	125.9	45.8	54.2
1967	234.8	107.7	127.1	45.9	54.1
1968	237.2	108.9	128.3	45.9	54.1
1969	239.5	110.1	129.4	46.0	54.0
1970	241.7	111.4	130.3	46.1	53.9
1971	243.9	112.5	131.4	46.1	53.9
1972	246.3	113.8	132.5	46.2	53.8
1973	248.7	115.1	133.6	46.3	53.7
1974	250.9	116.2	134.7	46.3	53.7
1975	253.3	117.5	135.8	46.4	53.6
1976	255.6	118.8	136.8	46.5	53.5
1977	257.9	120.0	137.9	46.5	53.5
1978	260.1	121.2	138.9	46.6	53.4
1979					
on 17 January	262.4	122.4	140.0	46.7	53.3
on 1 July	263.4	122.9	140.5	46.7	53.5

Class Composition of the Population
(percent)

	1913	1924	1928	1939	1959	1970	1978
Total population (including non-							
working family members).	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Including:							
workers and employees.	17.0	14.8	17.6	50.2	68.3	79.5	84.9
of them workers.	14.6	10.4	12.4	33.5	49.5	56.8	61.8
kolkhoz peasantry and cooperative							
artisans*.	--	1.3	2.9	47.2	31.4	20.5	15.1
individual peasant farmers and							
noncooperative artisans.	66.7	75.4	74.9	2.6	0.3	0.0	0.0
bourgeoisie, landowners, merchants							
and kulaks	16.3	8.5	4.6	--	--	--	--

* The cooperative artisans, that is, the members of the small producer cooperatives, along with the nonworking members of their families in 1924 made up 0.5 percent, in 1928--1.2 percent, in 1939--2.3 percent of the total population. Since 1959 they have been included among workers and employees in connection with the transfer of former small producer cooperatives to the system of state enterprises.

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Size of the Population

	Size of population, thousands					
	1913	1940	1959	1966	1970	1979
USSR.	159 153	194 077	208 827	232 243	241 720	262 442
RSFSR	89 902	110 098	117 534	127 189	130 079	137 552
Ukrainian SSR	35 210	41 340	41 869	45 548	47 126	49 757
Belorussian SSR . . .	6 899	9 046	8 056	8 656	9 002	9 559
Uzbek SSR	4 334	6 551	8 119	10 399	11 799	15 391
Kazakh SSR.	5 597	6 148	9 295	12 047	13 009	14 685
Georgian SSR.	2 601	3 612	4 044	4 505	4 686	5 016
Azerbaijan SSR. . . .	2 339	3 274	3 698	4 640	5 117	6 028
Lithuanian SSR. . . .	2 828	2 925	2 711	2 989	3 128	3 399
Moldavian SSR	2 056	2 468	2 885	3 367	3 569	3 948
Latvian SSR	2 493	1 886	2 093	2 279	2 364	2 521
Kirgiz SSR.	864	1 528	2 066	2 615	2 934	3 529
Tadzhik SSR	1 034	1 525	1 981	2 556	2 900	3 801
Armenian SSR.	1 000	1 320	1 763	2 239	2 492	3 031
Turkmen SSR	1 042	1 302	1 516	1 917	2 159	2 759
Estonian SSR.	954	1 054	1 107	1 297	1 356	1 466

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Including											
urban						rural					
1913	1940	1959	1966	1970	1979	1913	1940	1959	1966	1970	1979
28 452	63 112	99 978	123 720	135 991	163 591	130 701	130 963	108 849	108 523	105 729	98 851
15 667	37 926	61 611	74 698	80 981	95 375	74 235	72 172	55 923	52 491	49 098	42 177
6 790	14 023	19 147	23 358	25 688	30 516	28 420	27 317	22 722	22 190	21 438	19 241
990	1 925	2 481	3 337	3 908	5 262	5 909	7 121	5 575	5 319	5 094	4 297
1 060	1 606	2 729	3 704	4 322	6 350	3 274	4 945	5 390	6 695	7 477	9 041
541	1 833	4 067	5 702	6 538	7 921	5 056	4 315	5 228	6 345	6 471	6 764
666	1 106	1 713	2 073	2 240	2 601	1 935	2 506	2 331	2 432	2 446	2 415
556	1 212	1 767	2 300	2 564	3 200	1 783	2 062	1 931	2 340	2 553	2 828
367	674	1 046	1 343	1 571	2 062	2 461	2 251	1 665	1 646	1 557	1 337
277	332	643	949	1 130	1 551	1 779	2 136	2 242	2 418	2 439	2 397
939	662	1 174	1 374	1 477	1 726	1 554	1 224	919	905	887	795
106	332	696	965	1 098	1 366	758	1 196	1 370	1 650	1 836	2 163
95	293	646	921	1 077	1 324	939	1 232	1 335	1 635	1 823	2 477
104	375	882	1 258	1 482	1 993	896	945	881	981	1 010	1 038
117	459	700	924	1 034	1 322	925	843	816	993	1 125	1 437
177	354	676	814	881	1 022	777	700	521	483	475	444

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Two friendly classes--the working class and the kolkhoz peasantry--exist in the USSR. The intelligentsia--workers of mental labor--makes up a significant proportion of the population.

In 1926 there were less than 3 million workers in our country, who were engaged in primarily mental labor, while at the beginning of 1977 their number was 37.5 million.

The cited data (pp 4-5) characterize the distribution of the population into the urban and rural population by place of residence.

Moreover, by type of occupations the population is divided into the agricultural and nonagricultural population. The nonagricultural population of the USSR in 1 July 1979 was 197.1 million, or 75 percent of the total population, the agricultural population was 66.3 million, or 25 percent. These data include both working people and their dependents.

Territory and Size of the Population of Republics, Krays, Oblasts and Autonomous Okrugs on 17 January 1979

	Territory, thousands of km ²	Size of population, thousands	Including		Percent of total population		number of inhabitants per 1 km ²
			urban	rural	urban population	rural population	
USSR.	22402.2*	262442	163591	98851	62	38	11.8
RSFSR	17075.4	137552	95375	42177	69	31	8.1
Altayskiy Kray.	261.7	2675	1400	1275	52	48	10.2
including Gorno-Altayskaya Autonomous Oblast.	92.6	172	48	124	28	72	1.9
Krasnodarskiy Kray.	83.6	4814	2497	2317	52	48	57.6
including Adygeyskaya Autonomous Oblast	7.6	404	193	211	48	52	53.2
Krasnoyarskiy Kray.	2401.6	3198	2219	979	69	31	1.3
including:							
Khakasskaya Autonomous Oblast.	61.9	500	341	159	68	32	8.1
Taymyskiy (Dolgano-Nenetskiy) Autonomous Okrug	862.1	44	29	15	65	35	0.05
Evenkiyskiy Autonomous Okrug	767.6	16	6	10	35	65	0.02

/Table continued on following page/

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	Territory, thou- sands of km ²	Size of population, thousands	Including		Percent of total popula- tion		number of inhabit- ants per 1 km ²
			urban	rural	urban pop- ulation	rural pop- ulation	
Primorskiy Kray.	165.9	1978	1499	479	76	24	11.9
Stavropol'skiy Kray. . . .	80.6	2539	1265	1274	50	50	31.5
including Karachayevo- Cherkesskaya Autonomous Oblast	14.1	369	160	209	43	57	26.2
Khabarovskiy Kray. . . .	824.6	1565	1241	324	79	21	1.9
including Yevreyskaya Autonomous Oblast. . . .	36.0	190	129	61	68	32	5.3
Amurskaya Oblast	363.7	938	610	328	65	35	2.6
Arkhangel'skaya Oblast . .	587.4	1467	1058	409	72	28	2.5
including Nenetskiy Autonomous Okrug	176.7	47	28	19	59	41	0.3
Astrakhanskaya Oblast. . .	44.1	915	617	298	67	33	20.7
Belgorodskaya Oblast . . .	27.1	1305	688	617	53	47	48.1
Bryanskaya Oblast.	34.9	1507	888	619	59	41	43.2
Vladimirskaia Oblast . . .	29.0	1581	1186	395	75	25	54.5
Volgogradskaya Oblast. . .	114.1	2475	1769	706	71	29	21.7
Vologodskaya Oblast. . . .	145.7	1310	769	541	59	41	9.0
Voronezhskaya Oblast . . .	52.4	2478	1340	1138	54	46	47.3
Gor'kovskaya Oblast. . . .	74.8	3695	2692	1003	73	27	49.4
Ivanovskaya Oblast	23.9	1321	1053	268	80	20	55.3
Irkutskaya Oblast.	767.9	2560	1984	576	78	22	3.3
including Ust'-Ordynskiy Buryatskiy Autonomous Okrug.	22.4	133	25	108	18	82	5.9
Kaliningradskaya Oblast. .	15.1	806	617	189	77	23	53.4
Kalininskaya Oblast. . . .	84.1	1649	1100	549	67	33	19.6
Kaluzhskaya Oblast	29.9	1007	625	382	62	38	33.7
Kamchatskaya Oblast. . . .	472.3	378	312	66	83	17	0.8
including Koryakskiy Autonomous Okrug	301.5	34	13	21	39	61	0.1
Kemerovskaya Oblast. . . .	95.5	2958	2550	408	86	14	31.0
Kirovskaya Oblast.	120.8	1662	1068	594	64	36	13.8
Kostromskaya Oblast. . . .	60.1	804	513	291	64	36	13.4
Kuybyshevskaya Oblast. . .	53.6	3093	2416	677	78	22	57.7
Kurganskaya Oblast	71.0	1080	547	533	51	49	15.2
Kurskaya Oblast.	29.8	1399	667	732	48	52	46.9

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	Territory, thou- sands of km ²	Size of population, thousands	Including		Percent of total popula- tion		number of inhabit- ants per 1 km ²
			urban	rural	urban pop- ulation	rural pop- ulation	
City of Leningrad** }	85.9	4588	4588	--	100	--	71.1
Leningrad Oblast		1519	972	547	64	36	
Lipetskaya Oblast.	24.1	1225	690	535	56	44	50.8
Magadanskaya Oblast. . . .	1199.1	466	365	101	78	22	0.4
including Chukotskiy Autonomous Okrug	737.7	133	93	40	70	30	0.2
City of Moscow** }	47.0	8011	8011	--	100	--	305.8
Moscow Oblast.		6360	4748	1612	75	25	
Murmanskaya Oblast	144.9	965	863	102	89	11	6.7
Novgorodskaya Oblast . . .	55.3	722	467	255	65	35	13.1
Novosibirskaya Oblast. . .	178.2	2618	1872	746	71	29	14.7
Omskaya Oblast	139.7	1955	1229	726	63	37	14.0
Orenburgskaya Oblast . . .	124.0	2089	1260	829	60	40	16.8
Orlovskaya Oblast.	24.7	892	493	399	55	45	36.1
Penzenskaya Oblast	43.2	1504	826	678	55	45	34.8
Permskaya Oblast	160.6	3011	2224	787	74	26	18.8
including Komi-Permyats- kiy Autonomous Okrug . .	32.9	173	42	131	24	76	5.3
Pskovskaya Oblast.	55.3	850	470	380	55	45	15.4
Rostovskaya Oblast	100.8	4081	2806	1275	69	31	40.5
Ryazanskaya Oblast	39.6	1362	794	568	58	42	34.4
Saratovskaya Oblast. . . .	100.2	2560	1820	740	71	29	25.5
Sakhalinskaya Oblast . . .	87.1	655	540	115	82	18	7.5
Sverdlovskaya Oblast . . .	194.8	4454	3787	667	85	15	22.9
Smolenskaya Oblast	49.8	1121	672	449	60	40	22.5
Tambovskaya Oblast	34.3	1390	680	710	49	51	40.5
Tomskaya Oblast.	316.9	866	567	299	65	35	2.7
Tul'skaya Oblast	25.7	1907	1488	419	78	22	74.2
Tyumenskaya Oblast	1435.2	1887	1150	737	61	39	1.3
including: Khanty-Mansiyskiy Autonomous Okrug	523.1	569	446	123	78	22	1.1
Yamalo-Nenetskiy Autonomous Okrug	750.3	158	80	78	51	49	0.2
Ul'yanovskaya Oblast . . .	37.3	1269	804	465	63	37	34.0
Chelyabinskaya Oblast. . .	87.9	3440	2792	648	81	19	39.1
Chitinskaya Oblast	431.5	1233	776	457	63	37	2.9
including Aginskiy Bu- ryatskiy Autonomous Okrug	19.0	69	18	51	26	74	3.6

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	Territory, thou- sands of km ²	Size of population, thousands	Including		Percent of total popula- tion		number of inhabit- ants per 1 km ²
			urban	rural	urban pop- ulation	rural pop- ulation	
Yaroslavskaya Oblast.	36.4	1425	1109	316	78	22	39.1
Bashkirskaya ASSR	143.6	3848	2186	1662	57	43	26.8
Buryatskaya ASSR.	351.3	901	513	388	57	43	2.6
Dagestanskaya ASSR.	50.3	1627	639	988	39	61	32.3
Kabardino-Balkarskaya ASSR.	12.5	675	393	282	58	42	54.0
Kalmytskaya ASSR.	75.9	293	119	174	41	59	3.9
Karel'skaya ASSR.	172.4	736	573	163	78	22	4.3
Komi ASSR	415.9	1118	793	325	71	29	2.7
Mariyskaya ASSR	23.2	703	374	329	53	47	30.3
Mordovskaya ASSR.	26.2	990	466	524	47	53	37.8
Severo-Osetinskaya ASSR	8.0	597	405	192	68	32	74.6
Tatarskaya ASSR	68.0	3436	2172	1264	63	37	50.5
Tuvinskaya ASSR	170.5	266	113	153	43	57	1.6
Udmurtskaya ASSR.	42.1	1494	976	518	65	35	35.5
Checheno-Ingushskaya ASSR	19.3	1154	491	663	43	57	59.8
Chuvashskaya ASSR	18.3	1293	595	698	46	54	70.7
Yakutskaya ASSR	3103.2	839	514	325	61	39	0.3
Ukrainian SSR	603.7	49757	30516	19241	61	39	82.4
Vinnitskaya Oblast.	26.5	2046	720	1326	35	65	77.2
Volynskaya Oblast	20.2	1016	406	610	40	60	50.3
Voroshilovgradskaya Oblast.	26.7	2788	2357	431	85	15	104.4
Dnepropetrovskaya Oblast.	31.9	3640	2928	712	80	20	114.1
Donetskaya Oblast	26.5	5160	4599	561	89	11	194.7
Zhitomirskaya Oblast.	29.9	1597	706	891	44	56	53.4
Zakarpatskaya Oblast.	12.8	1154	437	717	38	62	90.2
Zaporozhskaya Oblast.	27.2	1949	1384	562	71	29	71.6
Ivano-Frankovskaya Oblast	13.9	1333	486	847	36	64	95.8
City of Kiev.	} 28.9	2144	2144	--	100	--	} 140.7
Kiev Oblast		1924	871	1053	45	55	
Kirovogradskaya Oblast.	24.6	1251	654	597	52	48	50.9
Krymskaya Oblast.	27.0	2184	1468	716	67	33	80.9
L'vovskaya Oblast	21.8	2583	1373	1210	53	47	118.5
Nikolayevskaya Oblast	24.6	1242	751	491	60	40	50.5
Odesskaya Oblast.	33.3	2544	1588	956	62	38	76.4
Poltavskaya Oblast.	28.8	1741	875	866	50	50	60.5
Rovenskaya Oblast	20.1	1121	408	713	36	64	55.8

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	Territory, thou- sands of km ²	Size of population, thousands	Including		Percent of total popula- tion		number of inhabit- ants per 1 km ²
			urban	rural	urban pop- ulation	rural pop- ulation	
Sumsкая Oblast.	23.8	1463	776	687	53	47	61.5
Ternopol'skaya Oblast.	13.8	1163	364	799	31	69	84.3
Khar'kovskaya Oblast.	31.4	3056	2293	763	75	25	97.3
Khersonskaya Oblast.	28.5	1164	677	487	58	42	40.8
Khmel'nitskaya Oblast.	20.6	1558	560	998	36	64	75.6
Cherkasskaya Oblast.	20.9	1547	687	860	44	56	74.0
Chernigovskaya Oblast.	31.9	1502	667	835	44	56	47.1
Chernovitskaya Oblast.	8.1	890	337	553	38	62	109.9
Belorussian SSR.	207.6	9559	5262	4297	55	45	46.0
Brestskaya Oblast.	32.3	1363	614	749	45	55	42.2
Vitebskaya Oblast.	40.1	1385	771	614	56	44	34.5
Gomel'skaya Oblast.	40.4	1599	838	761	52	48	39.6
Grodenskaya Oblast.	25.0	1131	496	635	44	56	45.2
City of Minsk**.	40.8	1276	1276	--	100	--	69.4
Minskaya Oblast.		1556	560	996	36	64	
Mogilevskaya Oblast.		1249	707	542	57	43	
Uzbek SSR.	447.4	15391	6350	9041	41	59	34.4
Andizhanskaya Oblast.	4.2	1349	387	962	29	71	321.2
Bukharskaya Oblast.	143.2	1263	469	794	37	63	8.8
Dzhizakskaya Oblast.	20.3	511	140	371	27	73	25.2
Kashkadar'inskaya Oblast.	28.4	1120	282	838	25	75	39.5
Namanganskaya Oblast.	7.9	1100	378	722	34	66	139.3
Samarkandskaya Oblast.	24.5	1784	724	1060	41	59	72.8
Surkhandar'inskaya Oblast.	20.8	895	173	722	19	81	43.0
Syrdar'inskaya Oblast.	5.3	449	141	308	31	69	84.6
City of Tashkent**.	15.6	1785	1785	--	100	--	229.2
Tashkent'skaya Oblast.		1792	773	1019	43	57	
Ferganskaya Oblast.		1695	566	1129	33	67	
Khorezmskaya Oblast.	4.5	744	150	594	20	80	165.3
Karakalpakskaya ASSR.	165.6	904	382	522	42	58	5.5
Kazakh SSR.	2717.3	14685	7921	6764	54	46	5.4
Aktyubinskaya Oblast.	298.7	629	298	331	47	53	2.1
City of Alma-Ata**.	104.7	914	914	--	100	--	16.9
Alma-Atinskaya Oblast.		851	162	689	19	81	

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	Territory, thou- sands of km ²	Size of population, thousands	Including		Percent of total popula- tion		number of inhabit- ants per 1 km ²
			urban	rural	urban pop- ulation	rural pop- ulation	
Vostochno-Kazakhstanskaya Oblast.	97.3	877	535	342	61	39	9.0
Gur'yevskaya Oblast.	112.0	370	219	151	59	41	3.3
Dzhambul'skaya Oblast.	144.6	933	419	514	45	55	6.5
Dzhezkazganskaya Oblast.	313.4	450	348	102	77	23	1.4
Karagandinskaya Oblast.	85.4	1253	1069	184	85	15	14.7
Kzyl-Ordinskaya Oblast.	228.1	566	354	212	63	37	2.5
Kokchetavskaya Oblast.	78.1	617	213	404	35	65	7.9
Kustanayskaya Oblast.	114.5	939	448	491	48	52	8.2
Mangyshlaksкая Oblast.	166.6	252	220	32	87	13	1.5
Pavlodarskaya Oblast.	127.5	806	459	347	57	43	6.3
Severo-Kazakhstanskaya Oblast.	44.3	570	248	322	44	56	12.9
Semipalatinskaya Oblast.	179.6	770	366	404	48	52	4.3
Taldy-Kurganskaya Oblast.	118.5	664	264	400	40	60	5.6
Turgayskaya Oblast.	111.9	268	83	185	31	69	2.4
Ural'skaya Oblast.	151.2	581	218	363	38	62	3.8
Tselinogradskaya Oblast.	124.6	808	461	347	57	43	6.5
Chimkentskaya Oblast.	116.3	1567	623	944	40	60	13.5
Georgian SSR.	69.7	5016	2601	2415	52	48	72.0
including:							
City of Tbilisi		1066	1066	--	100	--	
Abkhazskaya ASSR.	8.6	506	238	268	47	53	58.9
Adzharskaya ASSR.	3.0	355	161	194	45	55	118.4
Yugo-Osetinskaya Autono- mous Oblast	3.9	98	41	57	42	58	25.1
Azerbaijan SSR.	86.6	6028	3200	2828	53	47	69.6
including:							
City of Baku**		1550	1550	--	100	--	
Nakhichevanskaya ASSR	5.5	239	63	176	26	74	43.4
Nagorno-Karabakhskaya Autonomous Oblast	4.4	161	71	90	44	56	36.6
Lithuanian SSR.	65.2	3399	2062	1337	61	39	52.1
including city of Vil'nyus		481	481	--	100	--	

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	Territory, thou- sands of km ²	Size of population, thousands	Including		Percent of total popula- tion		number of inhabit- ants per 1 km ²
			urban	rural	urban pop- ulation	rural pop- ulation	
Moldavian SSR.	33.7	3948	1551	2397	39	61	117.2
including city of Kishinev		503	503	--	100	--	
Latvian SSR.	63.7	2521	1726	795	68	32	39.6
including city of Riga . .		835	835	--	100	--	
Kirgiz SSR	198.5	3529	1366	2163	39	61	17.8
including:							
City of Frunze		533	533	--	100	--	
Issyk-Kul'skaya Oblast . .	43.5	353	106	247	30	70	8.1
Narynskaya Oblast.	50.2	228	40	188	18	82	4.5
Oshskaya Oblast.	73.9	1546	471	1075	30	70	20.9
Tadzhik SSR.	143.1	3801	1324	2477	35	65	26.6
including:							
City of Dushanbe		493	493	--	100	--	
Kulyabskaya Oblast	12.9	490	124	366	25	75	38.0
Kurgan-Tyubinskaya Oblast.	11.7	703	132	571	19	81	60.1
Leninabadskaya Oblast. . .	26.1	1195	433	762	36	64	45.8
Gorno-Badakhshanskaya Autonomous Oblast.	63.7	127	18	109	14	86	2.0
Armenian SSR	29.8	3031	1993	1038	66	34	101.7
including city of Yerevan.		1019	1019	--	100	--	
Turkmen SSR.	488.1	2759	1322	1437	48	52	5.7
City of Ashkhabad** . . . }	95.4	315	315	--	100	--	7.4
Ashkhabadskaya Oblast. . . }		391	122	269	31	69	
Krasnovodskaya Oblast. . .	138.5	311	255	56	82	18	2.2
Maryyskaya Oblast.	86.8	631	204	427	32	68	7.3
Tashauzskaya Oblast. . . .	73.6	530	160	370	30	70	7.2
Chardzhouskaya Oblast. . .	93.8	581	266	315	46	54	6.2
Estonian SSR	45.1	1466	1022	444	70	30	32.5
including city of Tallin .		430	430	--	100	--	

* Including the area of the White Sea--90,000 km² and the Sea of Azov--37,300 km², which do not belong to the territory of individual republics.

** Including urban settlements subordinate to the city soviet.

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Size of the Population of Cities With a Population of 100,000 and More*

	Thousands of people		
	1959	1970	1979
Abakan.	56	90	128
Aktyubinsk.	97	150	191
Alma-Ata.	456	730	910
Almalyk	40	81	101
Al'met'yevsk.	49	87	110
Angarsk	135	203	239
Angren.	56	76	106
Andizhan.	131	188	230
Anzhero-Sudzhensk	116	106	105
Armavir	111	144	162
Arkhangel'sk.	258	343	385
Astrakhan'	305	410	461
Achinsk	50	97	117
Ashkhabad	170	253	312
Baku.	968	1226	1550
including without urban settlements, which are subordinate to the Baku City Soviet	643	852	1022
Balakovo.	36	103	152
Balashikha.	58	92	118
Baranovich	58	101	131
Barnaul	303	439	533
Batumi.	82	101	124
Belaya Tserkov'	71	109	151
Belgorod.	72	151	240
Belovo.	100	108	112
Bel'tsy	66	101	125
Bendery	43	72	101
Berdyansk	65	100	122
Berezniki	106	146	185
Biysk	146	186	212
Blagoveshchensk (Amurskaya Oblast).	94	128	172
Bobruysk.	98	138	192
Borisov	59	84	112
Bratsk.	43	155	214
Brest	74	122	177
Bryansk	207	318	394
Bukhara	69	112	185
Velikiye Luki	59	85	102
Vil'nyus.	236	372	481
Vinnitsa.	122	212	313
Vitebsk	148	231	297
Vladivostok	291	441	550
Vladimir.	154	234	296
Volgograd	591	815	929

*Within the boundaries of the cities at the beginning of 1979.
 /Table continued on following page/

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	Thousands of people		
	1959	1970	1979
Volzhskiy.	67	142	209
Vologda.	139	178	237
Voronezh	447	660	783
Voroshilovgrad	275	383	463
Gomel'	168	272	383
Gorlovka	308	335	337
Gor'kiy.	941	1170	1344
Grodno	73	132	195
Groznyy.	250	341	375
Gur'yev.	79	114	130
Daugavpils	65	100	116
Dzhambul	113	187	264
Dzerzhinsk (Gor'kovskaya Oblast)	164	221	257
Dimitrovgrad	51	81	106
Dneprodzerzhinsk	194	227	250
Dnepropetrovsk	690	904	1066
Donetsk.	708	879	1021
Dushanbe	227	374	493
Yelets	78	101	112
Yenakiyevo	117	115	114
Yerevan.	493	764	1019
Zhdanov.	284	417	503
Zhitomir	114	172	244
Zagorsk.	74	92	107
Zaporozh'ye.	449	658	781
Zelenograd	7	87	130
Zlatoust	161	180	198
Ivanovo.	335	420	465
Ivano-Frankovsk.	66	105	150
Izhevsk.	285	422	549
Irkutsk.	366	451	550
Yoshkar-Ola.	89	166	201
Kazan'	667	869	993
Kalinin.	261	345	412
Kaliningrad.	204	297	355
Kaliningrad (Moscow Oblast).	72	106	133
Kaluga	134	211	265
Kamensk-Ural'skiy.	141	169	187
Kamyshin	57	97	112
Kansk.	74	95	101
Karaganda.	383	523	572
Karshi	33	71	107
Kaunas	219	305	370
Kemerovo	289	385	471
Kerch'	98	128	157
Kzyl-Orda.	66	122	156

/Table continued on following page/

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	Thousands of people		
	1959	1970	1979
Kiev.	1110	1632	2144
Kineshma.	85	96	101
Kirov	252	333	390
Kirovabad	136	190	232
Kirovakan	49	107	146
Kirovograd.	132	189	237
Kiselevsk	128	127	122
Kislovodsk.	78	90	101
Kishinev.	212	349	503
Klaypeda.	91	141	176
Kovrov.	99	123	143
Kokand.	105	133	153
Kokchetav	53	80	103
Kolomna	118	136	147
Kolpino	35	70	114
Kommunarsk.	98	123	120
Komsomol'sk-na-Amure.	177	218	264
Konstantinovka.	89	105	112
Kopeysk	162	156	146
Kostroma.	172	223	255
Kramatorsk.	115	150	178
Krasnodar	310	460	560
Krasnoyarsk	412	648	796
Krasnyy Luch.	94	103	106
Kremenchug.	93	166	210
Krivoy Rog.	408	581	650
Kuybyshev	806	1045	1216
Kurgan.	146	244	310
Kursk	205	284	375
Kustanay.	86	124	164
Kutaisi	128	163	194
Leninabad	77	103	130
Leninakan	108	165	207
Leningrad	3367	4027	4588
including without urban settlements, which are subordinate to the Leningrad City Soviet. . . .	3003	3550	4073
Leninsk-Kuznetskiy.	132	128	132
Liyepaya.	71	93	108
Lipetsk	157	289	396
Lisichansk.	104	118	120
Lutsk	56	94	137
L'vov	411	553	667
Lyubertsy	95	139	160
Magadan	62	92	122
Magnitogorsk.	311	364	406
Maykop.	82	110	128

/Table continued on following page/

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	Thousands of people		
	1959	1970	1979
Makeyevka.	407	429	436
Margilan	65	91	111
Makhachkala.	119	186	250
Melitopol'	95	137	161
Miass.	98	131	150
Minsk.	509	917	1276
including without urban settlements, which are			
subordinate to the Minsk City Soviet	509	907	1262
Michurinsk	81	94	102
Mogilev.	122	202	290
Moscow	6053	7077	8011
including without urban settlements, which are			
subordinate to the Moscow City Soviet.	6009	6942	7831
Murmansk	222	309	381
Murom.	72	99	114
Mytishchi.	99	119	141
Naberezhnyye Chelny.	16	38	301
Nal'chik	88	146	207
Namangan	123	175	227
Nakhodka	64	104	133
Nevinnomyssk	40	85	104
Nizhnevartovsk	--	16	109
Nizhnekamsk.	--	49	134
Nizhniy Tagil.	338	378	398
Nikolayev.	251	362	441
Nikopol'	83	125	146
Novgorod	61	128	186
Novokuznetsk	380	496	541
Novokuybyshevsk.	63	104	109
Novomoskovsk (Tul'skaya Oblast).	107	134	147
Novorossiysk	93	133	159
Novosibirsk.	885	1161	1312
Novocherkassk.	123	162	183
Novoshakhtinsk	104	102	104
Noginsk.	93	104	119
Noril'sk	118	135	180
Nukus.	39	74	109
Odessa	664	892	1046
Odintsovo.	20	67	101
Omsk	581	821	1014
Ordzhonikidze (Severo-Osetinskaya ASSR).	164	236	279
Orel	150	232	305
Orenburg	267	344	459
Orekhovo-Zuyevo.	108	120	132
Orsk	176	225	247
Orsha.	64	101	112
Osh.	65	120	169

/Table continued on following page/

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	Thousands of people		
	1959	1970	1979
Pavlograd.	46	80	107
Pavlodar	90	186	273
Panevezhis	41	73	102
Penza.	255	374	483
Pervoural'sk	90	117	129
Perm'.	629	850	999
Petrozavodsk	141	192	234
Petropavlovsk.	131	173	207
Petropavlovsk-Kamchatskiy.	86	154	215
Podol'sk	129	169	202
Poltava.	143	220	279
Prokop'yevsk	282	274	266
Pskov.	81	127	176
Pyatigorsk	70	93	110
Riga	580	732	835
Rovno.	56	116	179
Rostov-na-Donu	600	789	934
Rubtsovsk.	111	145	157
Rudnyy	33	96	109
Rustavi.	62	98	129
Rybinsk.	182	218	239
Ryazan'.	214	350	453
Salavat.	61	114	137
Samarkand.	196	267	476
Saransk.	91	191	263
Sarapul.	69	97	107
Saratov.	579	757	856
Sverdlovsk	779	1025	1211
Sevastopol'.	142	229	301
Severodvinsk	79	145	197
Severodonetsk.	33	90	113
Semipalatinsk.	156	236	283
Serov.	98	101	101
Serpukhov.	106	124	140
Simferopol'.	186	249	302
Slavyansk.	99	124	140
Smolensk	147	211	276
Solikamsk.	83	89	101
Sochi.	127	224	287
Stavropol'	141	198	258
Staryy Oskol	27	52	115
Stakhanov.	91	102	108
Sterlitamak.	111	184	220
Sumgait.	51	124	190
Sumy	98	166	228
Surgut	6	34	107
Sukhumi.	65	102	114
Syzran'.	148	173	179

/Table continued on following page/

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	Thousands of people		
	1959	1970	1979
Syktyvkar.	69	125	171
Taganrog	202	254	277
Tallin	282	361	430
Tambov	172	230	270
Tartu.	74	90	104
Tashkent	927	1385	1779
Tbilisi.	703	901	1066
Temirtau	77	166	213
Ternopol'.	52	85	144
Tiraspol'.	63	105	139
Tol'yatti.	72	251	502
Tomsk.	249	338	421
Tula	351	462	514
Tyumen'.	150	269	359
Ulan-Ude	174	254	300
Ul'yanovsk	206	351	464
Ural'sk.	95	129	167
Urgench.	44	76	100
Usol'ye-Sibirskoye	48	87	103
Ussuriysk.	104	128	147
Ust'-Kamenogorsk	150	230	274
Ufa.	547	771	969
Fergana.	80	143	176
Frunze	218	429	533
Khabarovsk	323	436	528
Khar'kov	953	1223	1444
Kherson.	158	261	319
Khimki	47	85	118
Khmel'nitskiy.	62	113	172
Tselinograd.	99	180	234
Chardzhou.	72	112	140
Cheboksary	94	209	308
Chelyabinsk.	689	875	1031
Cherepovets.	92	188	266
Cherkassy.	85	158	228
Chernigov.	90	159	238
Chernovtsy	152	187	218
Chimkent	153	247	321
Chirchik	67	107	132
Chita.	172	241	302
Shakhty.	196	205	210
Shevchenko	--	59	110
Shyaul'yay.	60	93	118
Shchelkovo	58	78	100
Elektrostal'.	97	123	139
Engel's.	91	130	161

/Table continued on following page/

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	Thousands of people		
	1959	1970	1979
Yuzhno-Sakhalinsk.	86	106	140
Yakutsk.	74	108	152
Yaroslavl'	407	517	597

During the years of Soviet power 1,174 cities were formed, in 1917 there were only 2 cities with a population of more than 500,000 residents, while now there are 45 of them, of them 18 are cities with a population of more than 1 million.

Birth Rate, Death Rate and the Natural Growth of the Population

Years	Per 1,000 people of the population		
	number of births	number of deaths	natural growth
1913	45.5	29.1	16.4
1940	31.2	18.0	13.2
1950	26.7	9.7	17.0
1955	25.7	8.2	17.5
1960	24.9	7.1	17.8
1965	18.4	7.3	11.1
1966	18.2	7.3	10.9
1967	17.3	7.6	9.7
1968	17.2	7.7	9.5
1969	17.0	8.1	8.9
1970	17.4	8.2	9.2
1971	17.8	8.2	9.6
1972	17.8	8.5	9.3
1973	17.6	8.7	8.9
1974	18.0	8.7	9.3
1975	18.1	9.3	8.8
1976	18.4	9.5	8.9
1977	18.1	9.6	8.5
1978	18.2	9.7	8.5

Number of Births

Years	Total births, thousands	Including among mothers who gave birth of a third child or more children, percent of total number of births	
1913	7235	--	--
1940	6095	--	--
1950	4805	1728	36
1955	5048	1907	38

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Years	Total births, thou- sands	Including among mothers who gave birth to a third child or more	
		children, thousands	percent of total number of births
1960	5341	1857	35
1965	4253	1629	38
1966	4242	1601	38
1967	4093	1502	37
1968	4088	1471	36
1969	4087	1374	34
1970	4226	1334	32
1971	4372	1324	30
1972	4404	1269	29
1973	4386	1231	28
1974	4546	1227	27
1975	4611	1209	26
1976	4720	1204	26
1977	4693	1153	25
1978	4763	1191	25

Birth Rate in Urban Settlements and Rural Areas
(number of births per 1,000 people of population)

Years	Total	In urban settlements	In rural areas
1913	45.5	30.2	48.8
1940	31.2	30.5	31.5
1950	26.7	26.0	27.1
1955	25.7	23.5	27.4
1960	24.9	21.9	27.8
1965	18.4	16.1	21.1
1966	18.2	16.0	20.8
1967	17.3	15.4	19.8
1968	17.2	15.3	19.5
1969	17.0	15.6	18.7
1970	17.4	16.4	18.7
1971	17.8	16.9	19.1
1972	17.8	17.0	18.9
1973	17.6	16.7	18.8
1974	18.0	17.1	19.4
1975	18.1	17.2	19.6
1976	18.4	17.3	20.0
1977	18.1	17.1	19.7
1978	18.2	17.1	20.1

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Birth Rate, Death Rate and Natural Growth of the Population by Union Republics
(per 1,000 people of the population)

	1940			1965			1970			1978		
	births	deaths	natural growth	births	deaths	natural growth	births	deaths	natural growth	births	deaths	natural growth
USSR.	31.2	18.0	13.2	18.4	7.3	11.1	17.4	8.2	9.2	18.2	9.7	8.5
RSFSR	33.0	20.6	12.4	15.7	7.6	8.1	14.6	8.7	5.9	15.9	10.3	5.6
Ukrainian SSR	27.3	14.3	13.0	15.3	7.6	7.7	15.2	8.8	6.4	14.7	10.7	4.0
Belorussian SSR	26.8	13.1	13.7	17.9	6.8	11.1	16.2	7.6	8.6	15.9	9.1	6.8
Uzbek SSR	33.8	13.2	20.6	34.7	5.9	28.8	33.6	5.5	28.1	33.9	6.9	27.0
Kazakh SSR.	40.8	21.4	19.4	26.9	5.9	21.0	23.4	6.0	17.4	24.4	7.4	17.0
Georgian SSR.	27.4	8.8	18.6	21.2	7.0	14.2	19.2	7.3	11.9	17.7	8.0	9.7
Azerbaijan SSR.	29.4	14.7	14.7	36.6	6.4	30.2	29.2	6.7	22.5	24.9	6.7	18.2
Lithuanian SSR.	23.0	13.0	10.0	18.1	7.9	10.2	17.6	8.9	8.7	15.3	10.0	5.3
Moldavian SSR	26.6	16.9	9.7	20.4	6.2	14.2	19.4	7.4	12.0	20.1	9.8	10.3
Latvian SSR	19.3	15.7	3.6	13.8	10.0	3.8	14.5	11.2	3.3	13.6	12.4	1.2
Kirgiz SSR.	33.0	16.3	16.7	31.4	6.5	24.9	30.5	7.4	23.1	30.4	8.1	22.3
Tadzhik SSR	30.6	14.1	16.5	36.8	6.6	30.2	34.8	6.4	28.4	37.5	8.3	29.2
Armenian SSR.	41.2	13.8	27.4	28.6	5.7	22.9	22.1	5.1	17.0	22.2	5.5	16.7
Turkmen SSR	36.9	19.5	17.4	37.2	7.0	30.2	35.2	6.6	28.6	34.4	8.0	26.4
Estonian SSR.	16.1	17.0	-0.9	14.6	10.5	4.1	15.8	11.1	4.7	14.9	12.2	2.7

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Number of Marriages and Divorces
(per 1,000 people of population)

Years	Registered marriages	Registered divorces	Years	Registered marriages	Registered divorces
1940	6.3	1.1	1970	9.7	2.6
1950	11.6	0.4	1971	10.0	2.6
1955	11.5	0.6	1972	9.4	2.6
1960	12.1	1.3	1973	10.1	2.7
1965	8.7	1.6	1974	10.3	2.9
1966	8.9	2.8	1975	10.7	3.1
1967	9.0	2.7	1976	10.1	3.4
1968	8.9	2.7	1977	10.7	3.5
1969	9.4	2.6	1978	10.7	3.5

Number of Autonomous Republics, Autonomous Oblasts, Autonomous Okrugs, Krays, Oblasts, Rayons, Cities, Urban-Type Settlements and Rural Soviets in the Union Republics on 1 January 1979

	autonomous republics	autonomous oblasts	autonomous okrugs	krays and oblasts	rayons	urban rayons	Cities			
							total	of them cities of republic, kray, oblast subordination	urban-type settlements	rural soviets
USSR.	20	8	10	127*	3160	605	2061	928	3845	41258
RSFSR	16	5	10	55*	1800	360	999	548	2046	22683
Ukrainian SSR	--	--	--	25	477	118	406	131	901	8503
Belorussian SSR	--	--	--	6	117	22	96	34	111	1508
Uzbek SSR . .	1	--	--	11	142	17	90	47	95	1003
Kazakh SSR. .	--	--	--	19	218	29	82	49	191	2237
Georgian SSR.	2	1	--	--	65	10	51	14	61	925
Azerbaijan SSR	1	1	--	--	61	10	60	11	125	1061
Lithuanian SSR	--	--	--	--	44	7	92	11	22	532
Moldavian SSR	--	--	--	--	36	4	21	9	44	748
Latvian SSR .	--	--	--	--	26	6	56	7	36	481
Kirgiz SSR. .	--	--	--	3	38	4	18	16	31	370
Tadzhik SSR .	--	1	--	3	42	4	18	12	49	302
Armenian SSR.	--	--	--	--	36	7	24	21	33	471
Turkmen SSR .	--	--	--	5	43	3	15	12	74	240
Estonian SSR.	--	--	--	--	15	4	33	6	26	194

* Including 6 krays.

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SUMMARY SECTION

I. Main Indicators of the Development of the USSR National Economy

Main Indicators of USSR Economic and Social Development in 1913-1978
(1913 = 1)

	1913	1940	1945	1950	1965	1970	1975	1976	1977	1978
Gross national product.	1	5.1	4.2	8.2	29	41	56	59	62	65
Produced national income	1	5.3	4.4	8.8	32	46	61	65	68	71
Fixed production capital of all sectors of national economy. . . .	1	2.6	2.3	3.3	13	19	29	32	34	37
All industrial production	1	7.7	7.1	13	61	92	131	137	145	152
Production of means of production (group A).	1	13	15	27	142	214	311	328	347	365
Production of consumer goods (group B)	1	4.6	2.7	5.7	20	30	42	43	45	47
Gross production of agriculture	1	1.4	0.9	1.4	2.5	3.1	3.2	3.4	3.5	3.6
Production of plant growing	1	1.6	0.9	1.5	2.5	3.1	2.9	3.5	3.4	3.6
Production of animal husbandry	1	1.1	0.7	1.2	2.5	3.0	3.4	3.3	3.6	3.6
Freight turnover of all types of transport. . .	1	3.9	3.0	5.7	22	30	41	43	45	47
Freight turnover of rail transport.	1	5.5	4.1	7.9	26	33	42	43	44	45
Capital investments . .	1	5.7	5.3	11	50	72	100	105	109	115
Number of workers and employees	1	2.6	2.2	3.1	6.0	7.0	7.9	8.1	8.2	8.4
Productivity of social labor*.	1	4.9	5.0	8.4	26	36	45	47	49	51

* Here and on pages 26, 27, 29 the productivity of social labor (the produced national income per employee in the sectors of physical production) is calculated on the basis of the sectorial structure of each year. For some sectors the indicator of labor productivity is calculated on the basis of the total volume of production or operations.

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	1913	1940	1945	1950	1965	1970	1975	1976	1977	1978
Labor productivity:*										
in industry.	1	3.8	4.3	5.5	14.0	18.5	24.7	25.5	26.5	27.5
in agriculture	1	1.9	1.3	2.1	4.0	5.3	5.7	6.0	6.3	6.5
in rail transport. . .	1	2.9	2.0	3.2	8.6	10.9	13.6	13.7	13.8	14.0

*The growth rate of the annual labor productivity is cited in the table. The hourly labor productivity (with allowance made for the shortening of the workday) increased more. Thus, the hourly labor productivity in 1978 as against 1913 increased 41-fold in industry, more than 7-fold in agriculture and 20-fold in rail transport.

Main Indicators of USSR Economic and Social Development in 1928-1978
(1928 = 1)

	1928	1940	1965	1970	1975	1976	1977	1978
Gross national product.	1	4.5	26	37	50	52	55	57
Produced national income. . . .	1	5.1	31	45	59	62	65	68
Fixed production capital of all sectors of national economy . .	1	2.4	12	18	27	29	31	34
All industrial production	1	6.5	51	77	110	115	122	128
Production of means of production (group A)	1	10	106	159	232	245	259	272
Production of consumer goods (group B)	1	4.2	18	27	38	39	41	42
Gross production of agriculture	1	1.3	2.4	2.9	3.0	3.2	3.3	3.4
Freight turnover of all types of transport.	1	4.1	23	32	44	46	47	50
Freight turnover of rail transport	1	4.5	21	27	35	35	36	37
Placement of fixed capital into operation by state and cooperative enterprises and organizations, kolkhozes and the population. .	1	7.5	65	97	133	135	140	152
excluding capital put into operation by kolkhozes and the population.	1	10.6	95	141	196	199	205	224
Capital investments of state and cooperative enterprises and organizations, kolkhozes and the population.	1	6.7	59	85	118	124	128	136
excluding capital investments of kolkhozes and the population.	1	8.6	77	111	156	164	170	181
Retail commodity turnover of state and cooperative trade . .	1	2.3	9.8	15	20	21	22	23
Number of workers and employees	1	3.0	6.7	7.9	8.9	9.1	9.3	9.5
Labor productivity:								
in industry	1	3.1	12	15	21	21	22	23
in agriculture.	1	1.7	3.5	4.7	5.1	5.4	5.6	5.8
in rail transport	1	2.7	8.0	10.1	12.5	12.7	12.7	12.9
in construction	1	2.5	9.1	11.1	14.2	14.7	15.1	15.5

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Main Indicators of USSR Economic and Social Development in 1940-1978
(1940 = 100)

	1940	1945	1950	1965	1970	1975	1976	1977	1978
Gross national product. . .	100	83	161	570	814	1104	1161	1217	1273
Produced national income. .	100	83	164	597	867	1142	1209	1264	1325
Fixed production capital of all sectors of national economy	100	86	124	499	737	1116	1204	1293	1395
All industrial production .	100	91	172	786	1183	1694	1775	1876	1966
Production of means of production (group A). . .	100	112	204	1053	1589	2316	2443	2585	2716
Production of consumer goods (group B)	100	59	122	437	654	897	924	972	1012
Gross production of agriculture	100	60	99	180	221	227	242	251	258
Production of plant growing	100	57	97	161	204	190	225	221	232
Production of animal husbandry	100	64	104	223	265	297	290	317	320
Freight turnover of all types of transport.	100	76	144	559	774	1052	1099	1139	1203
Freight turnover of rail transport	100	75	143	464	593	769	783	792	815
Placement of fixed capital into operation by state and cooperative enterprises and organizations, kolkhozes and the population.	100	86	192	871	1295	1789	1814	1874	2035
excluding capital put into operation by kolkhozes and the population.	100	80	194	896	1339	1853	1885	1944	2126
Capital investments of state and cooperative enterprises and organizations, kolkhozes and the population.	100	92	196	871	1254	1755	1834	1901	2016
excluding capital invest- ments of kolkhozes and the population.	100	88	199	893	1290	1814	1902	1974	2102
Retail commodity turnover of state and cooperative trade	100	43	107	423	628	854	893	934	970
Number of workers and employees	100	84	119	227	266	301	307	314	320
Productivity of social labor	100	102	170	532	738	921	964	996	1034
Labor productivity:									
in industry	100	114	145	372	492	657	679	706	732
in agriculture (social production)	100	60	100	239	328	350	387	409	420
in rail transport	100	68	110	296	376	467	473	474	482
in construction	100	90	125	367	448	576	594	612	625

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During the First Five-Year Plan 51 percent of the total increase of industrial production was obtained by means of the growth of labor productivity, during the Second Five-Year Plan--79 percent, during the prewar years and the Fourth Five-Year Plan--69 percent, during the Fifth Five-Year Plan--68 percent, during the Sixth Five-Year Plan--72 percent, during the Seventh Five-Year Plan--62 percent, during the Eighth Five-Year Plan--73 percent, during the Ninth Five-Year Plan--84 percent, in three years of the 10th Five-Year Plan (1976-1978)--75 percent. The increase of labor productivity during 1971-1975 provided a saving of labor in industry of more than 10 million people, in 1976-1978--approximately 3.5 million people.

Main Indicators of USSR Economic and Social Development in 1970-1978
(1970 = 100)

	1970	1975	1976	1977	1978
Gross national product.	100	136	143	150	156
Produced national income.	100	132	139	146	153
National income used for consumption and accumulation.	100	128	135	140	146
Fixed production capital of all sectors of national economy.	100	152	163	175	189
All industrial production	100	143	150	159	166
Production of means of production (group A)	100	146	154	163	171
Production of consumer goods (group B).	100	137	141	149	155
Gross production of agriculture	100	103*	109	114	117
Production of plant growing	100	93	110	108	114
Production of animal husbandry.	100	112	109	119	120
Freight turnover of all types of transport.	100	136	142	147	155
Freight turnover of rail transport.	100	130	132	134	137
Placement of fixed capital into operation by state and cooperative enterprises and organizations, kolkhozes and the population excluding capital put into operation by kolkhozes and the population.	100	138	140	145	157
Capital investments of state and cooperative enterprises and organizations, kolkhozes and the population.	100	138	141	145	159
excluding capital investments of kolkhozes and the population	100	140	146	152	161
Retail commodity turnover of state and cooperative trade	100	141	147	153	163
Number of workers and employees	100	136	142	149	154
Productivity of social labor.	100	113	116	118	120
	100	125	131	135	140

* The average annual amount in 1971-1975 as a percentage of 1966-1970 was 113.

[Table continued on following page]

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	1970	1975	1976	1977	1978
Labor productivity:					
in industry.	100	134	138	144	149
in agriculture (social production) . . .	100	107*	118	124	128
in rail transport.	100	124	126	126	128
in construction.	100	129	133	137	140
Profit for national economy (in comparable prices).	100	160	173	183	194
Real per capita income	100	124	129	133	137
Wage fund in the national economy.	100	135	143	150	158
Average monetary wage of workers and employees.	100	120	124	127	131
Pay of kolkhoz farmers	100	123	132	141	146
Payments and benefits received by the population from public consumption funds:					
total.	100	141	149	156	165
per capita	100	135	141	146	154

* The labor productivity in average annual terms in 1971-1975 as a percent of 1966-1970 was 122.

Main Indicators of USSR Economic and Social Development in 1975-1978
(1975 = 100)

	1975	1976	1977	1978
Produced national income.	100	106	111	116
National income used for consumption and accumulation.	100	105	109	113
All industrial production	100	105	111	116
Production of means of production (group A)	100	105	112	117
Production of consumer goods (group B).	100	103	108	113
Production of sectors of industry:				
electric power.	100	108	112	117
fuel industry	100	104	108	112
ferrous and nonferrous metallurgy	100	104	106	109
chemical and petrochemical industry	100	108	115	122
machine building and metalworking	100	110	120	130
timber, wood processing, pulp and paper industry	100	102	105	107
construction materials industry	100	103	107	109
light industry.	100	104	108	112
food industry	100	98	103	105
Of the total production volume--the production of goods for cultural and personal purposes and household use	100	107	116	124
Gross production of agriculture*.	100	106	111	114

* The average annual amount in 1976-1978 as a percentage of 1971-1975 was 109.

/Table continued on following page/

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	1975	1976	1977	1978
Freight turnover of all types of transport. . .	100	104	108	114
Freight turnover of rail transport.	100	102	103	106
Placement of fixed capital into operation by state and cooperative enterprises and organ- izations, kolkhozes and the population.	100	101	105	114
Capital investments of state and cooperative enterprises and organizations, kolkhozes and the population.	100	104	108	115
Number of workers and employees	100	102	104	106
Productivity of social labor.	100	105	108	112
Labor productivity:				
in industry	100	103	107	111
in agriculture (social production)*	100	111	117	120
in rail transport	100	101	102	103
in construction	100	103	106	109
Profit for national economy (in comparable prices)	100	108	114	121
Real per capita income.	100	104	107	110
Wage fund in the national economy	100	106	111	117
Average monetary wage of workers and employees.	100	104	106	110
Pay of kolkhoz farmers.	100	107	115	119
Payments and benefits received by the popula- tion from public consumption funds:				
total	100	105	111	117
per capita.	100	105	109	114
Retail commodity turnover of state and coopera- tive trade.	100	105	109	114
Foreign trade turnover.	100	112	125	138
Personal services to the population	100	108	115	124
Placement of apartment houses into operation at state expense.	100	99.6	101	101
Number of children in permanent preschool institutions.	100	105	110	114
Number of students in schools and groups with an extended day	100	109	117	127
Number of students in secondary specialized educational institutions.	100	102	103	103
Number of students in higher educational institutions.	100	102	104	105
Admission of students to higher educational institutions.	100	102	102	103
including day divisions	100	103	103	105

* The labor productivity in average annual terms in 1976-1978 as a percentage of 1971-1975 was 116.

/Table continued on following page/

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	1975	1976	1977	1978
Admission of students to secondary specialized educational institutions.	100	101	102	103
including day divisions	100	102	103	104
Admission of students to vocational and technical educational institutions.	100	103	106	110
Number of hospital beds	100	102	104	106

In 1976-1978 about four-fifths of the increase of the national income was obtained by means of the increase of the productivity of social labor. The increase of the productivity of social labor in 1976-1978 provided a saving of the labor of more than 11 million people; the materials-output ratio of the social product was reduced, as a result of which the saving of raw materials, materials, fuel and other objects of labor was about 8 billion rubles.

Main Indicators of USSR Economic and Social Development in 1951-1978
(percent of preceding year)

Years	Produced national income	All industrial production	Including Production of means of production (group A)	Production of consumer goods (group B)	Gross production of agriculture	Placement of fixed capital into operation	Capital investments	Number of workers and employees	Labor productivity in industry	Retail commodity turnover in state and co-operative trade	Real per capita income
1951	112.3	116.4	116.7	116.0	93.3	113.3	114.5	104.7	110.1	115.3	105.0
1952	110.9	111.6	112.2	110.7	108.7	108.0	111.4	103.6	106.8	109.5	107.4
1953	109.5	112.0	111.8	112.4	102.9	107.6	105.3	103.5	107.3	121.3	113.5
1954	112.2	113.3	113.5	112.9	105.1	119.7	118.2	108.2	107.5	118.2	109.7
1955	111.9	112.5	114.9	108.3	111.0	115.4	112.4	102.3	109.5	104.1	100.9
1956	111.3	110.6	111.3	109.3	113.5	113.3	114.7	103.2	107.0	108.7	105.9
1957	107.0	110.0	111.0	108.2	103.1	113.8	112.6	105.0	106.6	114.3	108.7
1958	112.4	110.3	111.4	108.1	110.8	123.0	116.2	102.8	106.2	106.0	105.9
1959	107.5	111.4	112.2	109.8	100.4	108.3	113.2	103.3	107.4	107.9	101.8
1960	107.7	109.5	110.8	107.1	102.2	107.7	108.5	107.2	105.4	110.3	106.4
1961	106.8	109.1	110.3	106.8	103.0	100.4	104.2	106.2	104.4	103.6	101.6
1962	105.7	109.7	110.8	107.4	101.2	111.9	104.8	103.7	105.5	106.2	103.2
1963	104.0	108.1	109.4	105.1	92.5	108.9	105.1	103.3	104.8	104.8	101.4
1964	109.3	107.3	108.8	103.9	114.5	106.3	108.7	103.9	103.7	105.4	104.8
1965	106.9	108.7	108.9	108.3	101.9	103.8	108.4	105.0	104.8	109.9	106.8

/Table continued on following page/

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Years	Including										
	Produced national income	All industrial production	Production of means of production (group A)	Production of consumer goods (group B)	Gross production of agriculture	Placement of fixed capital into operation	Capital investments	Number of workers and employees	Labor productivity in industry	Retail commodity turnover in state and co-operative trade	Real per capita income
1966	108.1	108.7	109.2	107.4	108.7	106.9	107.0	103.6	105.2	108.6	105.9
1967	108.6	110.0	110.1	109.9	101.5	108.3	108.4	103.2	106.7	109.4	106.7
1968	108.3	108.3	108.3	108.5	104.5	103.3	107.9	103.4	105.2	108.4	106.0
1969	104.8	107.1	107.0	107.3	96.7	108.2	103.3	103.3	104.8	107.3	105.5
1970	109.0	108.5	108.3	108.9	110.3	114.8	111.5	102.6	107.0	107.4	105.6
1971	105.6	107.7	107.8	107.7	101.1	106.3	107.3	102.9	106.3	106.8	104.5
1972	103.9	106.5	106.8	105.7	95.9	103.3	107.0	102.6	105.2	106.8	104.0
1973	108.9	107.5	108.2	105.7	116.1	110.6	104.7	102.3	106.1	105.3	105.0
1974	105.4	108.0	108.4	107.0	97.6	104.7	107.1	102.4	106.3	105.9	104.0
1975	104.5	107.5	107.9	106.5	94.7	108.6	108.6	102.4	105.9	106.9	104.5
1976	105.9	104.8	105.5	103.0	106.5	101.4	104.5	102.0	103.3	104.6	103.7
1977	104.5	105.7	105.8	105.2	104.0	103.3	103.7	102.1	104.0	104.5	103.5
1978	104.8	104.8	105.1	104.1	103.0	108.6	106.0	102.1	103.6	103.9	103.0

Share of the Socialist Sector
(percent)

	1924	1923	1937	1978
In fixed production capital of the country:*				
including livestock.	35.0	35.1	99.0	100
excluding livestock.	58.9	65.7	99.6	100
In the national income*.	35.0	44.0	99.1	100
In industrial production	76.3	82.4	99.8	100
In the gross production of agriculture*.	1.5	3.3	98.5	100
In the retail commodity turnover of trade enterprises (including public dining).	47.3	76.4	100	100

* Including the private subsidiary plot of kolkhoz farmers, workers and employees.

During the Second Five-Year Plan (1933-1937) the socialist system of production began to dominate undividedly in the entire national economy. A socialist society was basically built.

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One Day of the Country*					
	1940	1965	1970	1975	1978
Average per day					
Production of the most important types of industrial products:					
electric power, millions of kWh	133	1388	2030	2845	3293
petroleum (including gas condensate), thousands of tons. .	85	665	967	1345	1566
natural gas, millions of m ³ . .	8.8	350	542	793	1020
coal, thousands of tons. . . .	453	1583	1710	1921	1983
pig iron, thousands of tons. .	41	181	235	282	303
steel, thousands of tons. . . .	50	249	318	387	415
iron ore, thousands of tons. .	82	420	536	638	669
mineral fertilizers (in conventional units), thousands of tons.	9.0	86	152	247	268
machine tools, units.	160	510	554	634	652
motor vehicles, units.	397	1689	2510	5381	5893
tractors, units.	86	971	1256	1508	1578
paper, thousands of tons. . . .	2.3	8.9	11.5	14.3	15.2
cement, thousands of tons. . . .	15.8	198	261	334	348
fabrics of all types, millions of m ²	9.1	20.5	24.3	27.3	29.2
leather shoes, thousands of pair	580	1333	1860	1913	2028
household clocks, thousands. .	7.6	84	110	151	174
radio receivers and broadcast radio-phonographs, thousands .	0.5	14	21	23	24
broadcast televisions, thousands.	0.001	10	18	19	20
household refrigerators, thousands.	0.01	4.6	11	15	17
Haulage in rail transport:					
freight, millions of tons. . . .	1.7	6.6	7.9	9.9	10.3
passengers, millions.	3.8	6.3	8.0	9.5	9.9
Haulage in maritime transport:					
freight, thousands of tons. . . .	90	327	444	548	629
passengers, thousands.	26	102	106	141	138
Haulage of freight by motor transport, millions of tons. . . .					
Carrying of passengers by air transport, thousands.	1.1	115	196	269	268

* The indicators are calculated on the basis of the calendar number of days in the year: in 1940--366 days; in 1965, 1970, 1975, 1978--365 days.

/Table continued on following page/

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	1940	1965	1970	1975	1978
Letters, newspapers, magazines, parcels, money orders, pension payments, telegrams sent, millions.	26	79	116	141	145
Total (useful) area of apartment houses put into operation, thousands of m ²	66.8	267.5	290.5	301.1	292.6
Retail commodity turnover, millions of rubles	49	287	425	576	661
Average circulation of newspapers, millions of copies.	21	63	85	104	106

In 1978 as much social product and national income was produced in 5-6 days and as much industrial production was produced in 2.5 days as in prerevolutionary Russia during the whole of 1913. In one day as much electric power was generated, for the generation of which more than 1.5 years would have been required in 1913, petroleum (including gas condensate)--56 days, steel--35 days, mineral fertilizers--3 years, cement--71 days.

In the USSR 13,000 children are born daily, more than 7,000 marriages are contracted, about 30,000 people improve their housing conditions.

Gross National Product by Sectors of the National Economy*
(in actual prevailing prices; billions of rubles)

	1965	1970	1975	1976	1977	1978
Gross national product.	420.2	643.5	862.6	903.9	949.6	992.1
Including that produced in the sectors of the national economy:						
industry**.	266.2	409.0	558.3	578.4	605.5	633.1
agriculture	71.2	103.8	122.3	132.4	141.7	147.0
transport and communications.	18.3	25.7	36.7	38.6	41.1	43.7
construction.	40.3	67.6	91.7	94.2	96.2	99.2
trade, procurement, material and technical supply and others	24.2	37.4	53.6	60.3	65.1	69.1

* See the footnote on page 364.

** The industrial production was calculated on the basis of the value of the gross production in the wholesale prices of industry.

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Fixed Capital by Sectors of the National Economy
(at end of year; in comparable prices of 1973; billions of rubles)

	1965	1970	1975	1976	1977	1978	
						billions of rubles	percent of total
All fixed capital (including livestock).	601	860	1256	1345	1437	1540	100.0
Fixed production capital. . .	360	531	805	868	932	1006	65.3
of it:							
industry.	168	255	385	416	445	479	31.1
agriculture	77	106	167	180	194	211	13.7
transport and communications	83	117	171	182	195	209	13.6
construction.	12	22	35	39	43	48	3.1
trade, public dining, pro- curement, material and tech- nical supply and other sec- tors of physical production	20	31	47	51	55	59	3.8
Nonproductive fixed capital .	241	329	451	477	505	534	34.7
of it:							
housing	159	204	267	280	294	309	20.1
municipal and personal services.	25	39	56	60	64	69	4.5
health, education	31	48	75	81	87	93	6.0
science, culture and art and other nonproductive sectors	26	38	53	56	60	63	4.1

Growth Rate of Fixed Capital*
(at end of the year)

Years	All fixed capital (including livestock)	Fixed production capital	Including of it						
			Industry	agriculture		Transport and communications	Construction	Nonproductive fixed capital	Of it, housing
				including livestock	without livestock				
1940 = 100									
1940	100	100	100	100	100	100	100	100	100
1965	434	499	714	297	443	440	1306	363	294

* The growth rate is calculated on the basis of data on the value of fixed capital in comparable prices of 1973, without deduction of wear.
/Table continued on following page/

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Years	All fixed capi- tal (including livestock)	Fixed produc- tion capital	Including						
			of it				Construction	Nonproductive fixed capi- tal	Of it, hous- ing
			Industry	agriculture		Transport and communi- cations			
				including livestock	without livestock				
1970	622	737	1087	408	672	620	2382	497	376
1975	908	1116	1639	642	1147	908	3907	681	491
1976	972	1204	1772	693	1252	966	4323	720	516
1977	1039	1293	1897	749	1366	1034	4772	762	542
1978	1113	1395	2041	811	1493	1111	5268	806	569
1970 = 100									
1970	100	100	100	100	100	100	100	100	100
1975	146	152	151	157	171	146	164	137	131
1976	156	163	163	170	186	156	181	145	137
1977	167	175	175	184	203	167	200	153	144
1978	179	189	188	199	222	179	221	162	151

At present the Soviet Union has enormous national wealth, which amounts to more than 2.4 trillion rubles (not counting the value of land and forests). And this is in spite of the enormous losses borne by the country, which during World War II were about 30 percent of the national wealth.

The most important part of the national wealth--fixed capital--at the end of 1978 amounted to 1.54 trillion rubles, including fixed production capital--1,006,000,000,000 rubles (in comparable prices of 1973).

As against 1913 the value of all the fixed capital has increased 31-fold, the value of fixed production capital has increased 37-fold.

Growth Rate of Fixed Production Capital and Physical Working Capital*
(at end of the year)

Years	All fixed production capital (including livestock) and physical working capital	Indus-try	Including agriculture		transport and com-munica-tions	con-struction
			including livestock	without livestock		
1940 = 100						
1940	100	100	100	100	100	100
1965	499	643	202	310	430	654

*The growth rate is calculated on the basis of data on the value of the fixed production capital and physical working capital in comparable prices of 1973.

/Table continued on following page/

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Years	All fixed production capital (including livestock) and physical working capital	indus-try	Including agriculture		transport and com-munica-tions	con-struc-tion
			including livestock	without livestock		
1970	734	955	265	448	606	1206
1975	1065	1412	372	687	885	1790
1976	1146	1521	399	750	942	1992
1977	1229	1629	425	806	1008	2211
1978	1317	1746	455	871	1084	2390
1970 = 100						
1970	100	100	100	100	100	100
1975	145	148	140	153	146	149
1976	156	159	150	167	156	165
1977	167	171	160	180	166	183
1978	180	183	171	194	179	198

Fuel and Power Balance
(in terms of conventional fuel; millions of tons)

	1913	1940	1965	1970	1975	1976	1977	1978
Resources, total. . .	64.4	283.8	1121.5	1399.8	1845.2	1938.0	1990.7	2062.1
Production (extrac-tion) of fuel . . .	48.2	237.9	966.6	1221.8	1571.3	1649.3	1726.5	1790.3
Generation of hydro-electric power. . .	0.0	0.6	10.0	15.3	15.5	16.7	18.1	20.9
Imports	8.0	3.1	9.1	14.1	36.5	34.3	33.6	35.0
Other receipts. . .	2.4	10.2	35.5	36.5	42.8	43.6	44.8	46.9
Distribution, total .	64.4	283.8	1121.5	1399.8	1845.2	1938.0	1990.7	2062.1
Consumed.	57.6	249.7	897.8	1117.3	1412.2	1496.8	1523.0	1594.3
including:								
for generation of electric power, thermal energy and compressed air. . .	2.0	44.7	339.8	458.2	613.5	642.8	651.2	674.4
for production tech-nology and other needs (including losses during stor-age and transpor-tation)	55.6	205.0	558.0	659.1	798.7	854.0	871.8	919.9
Exports	1.2	1.1	116.7	167.6	238.9	273.5	298.7	306.3
Surpluses at end of the year.	5.6	33.0	107.0	114.9	194.1	167.7	169.0	161.5

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Increase of Material Well-Being and Cultural Level of the People										
	Before revolution (1913 or closest published year)	1940	1965	1970	1975	1976	1977	1978		
Increase of produced national income (1913=1)										
total.	1	5.3	32	46	61	65	68	71		
per capita (1913=1)	1	4.5	22	30	38	40	42	43		
Increase of real income of workers of industry and construction with allowance made for elimination of unemployment and shortening of the workday on the average per worker (1913=1)	1	2.7	6.4	8.0	9.4	9.7	10.0	10.2		
Increase of real income of peasants on the average per worker (1913=1)	1	2.3	7.8	11.2	13.7	14.2	14.7	15.3		
Increase of industrial production of consumer goods (group B, 1913=1):										
total.	1	4.6	20	30	42	43	45	47		
per capita	1	3.9	14	20	26	27	28	29		
Total (useful) space of urban housing (at end of the year):										
total, millions of m ²	180	421	1238	1529	1867	1932	2001	2070		
on the average per urban resident, m ²	6.3	6.5	10.0	11.0	12.0	12.2	12.5	12.7		
Total number of students, millions	10.6	47.6	71.9	79.6	92.6	93.7	94.9	98.1		
including:										
at general educational schools .	9.7	35.6	48.3	49.2	47.6	46.5	45.4	44.7		
at secondary vocational and technical schools.	--	--	--	0.2	1.2	1.5	1.7	1.9		
at secondary specialized educational institutions.	0.05	1.0	3.7	4.4	4.5	4.6	4.7	4.7		
at higher educational institutions	0.13	0.8	3.9	4.6	4.9	5.0	5.0	5.1		
Number of children in permanent pre-school institutions (at end of the year), thousands	5.4	1953	7673	9281	11523	12108	12672	13177		

/Table continued on following page/

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	Before revolution (1913 or closest published year)	1940	1965	1970	1975	1976	1977	1978
Number of public libraries (at end of the year), thousands .	14	95	127	128	131	131	131	131
Book and magazines in them, millions of copies.	9	200	1098	1363	1608	1645	1680	1725
Number of movie projectors (at end of the year), thousands .	1.5	28.0	145.4	157.0	154.1	154.2	152.9	152.6
Number of movie attendances, millions.	106	900	4279	4652	4497	4211	4080	4155
Number of theater attendances, millions.	13	84	101	111	117	116	116	118
Circulation of books and brochures, millions of copies	99	462	1279	1362	1709	1783	1802	1788
One-time circulation of news- papers, millions of copies. .	3	38	103	141	168	169	170	171
Annual circulation of maga- zines and other periodicals, millions of copies.	117	245	1548	2622	3043	3069	3099	3120
Number of physicians of all specializations (at end of the year):								
total, thousands.	28	155	554	668	834	865	897	929
per 10,000 people, physicians	1.8	7.9	23.9	27.4	32.6	33.5	34.5	35.4
Number of hospital beds (at end of the year):								
total, thousands.	208	791	2226	2663	3009	3076	3140	3201
per 10,000 people, beds . .	13	40	96	109	118	119	121	122
Average life expectancy of population, years	32	47	70	70	70*	70*	70*	70*

* 1971-1972.

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II. Development of the Economy and Culture of the USSR and the Other Socialist Countries as Compared With the Economy and Culture of the Capitalist Countries

Political Map of the World in 1919 and Mid-1978

	1919				1978			
	territory		population		territory		population	
	millions of km ²	percent of total	millions of people	percent of total	millions of km ²	percent of total	millions of people	percent of total
I. Entire world*. . . .	135.8	100.0	1777	100.0	135.8	100.0	4258	100.0
including:								
socialist countries.	21.7	16.0	138	7.8	35.6	26.2	1410	33.1
other countries. . .	114.1	84.0	1639	92.2	100.2	73.8	2848	66.9
II. Major imperialist powers** and their colonies	60.3	44.4	855	48.1	11.7	8.6	576	13.5
including:								
major imperialist powers	9.8	7.2	339	19.1	11.1	8.1	559	13.1
their colonies . . .	50.5	37.2	516	29.0	0.6	0.5	17	0.4
III. All colonies and semicolonies	97.8	72.0	1235	69.4	1.4	1.1	19	0.4
IV. Former colonial and semicolonial countries which became sovereign states after 1919 (excluding the socialist states).	--	--	--	--	83.3	61.3	2077	48.8

* In size of the population in 1978 was determined on the basis of the latest UN estimates. The data on the territory of the world do not include the territory of Antarctica--14.1 million km².

** The United States, Great Britain, the FRG (in 1919, Germany), France, Italy and Japan.

The size of the population of the CEMA member countries in 1978 was 435 million, or 10.2 percent of the world population.

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Increase of the Share of the Socialist Countries in the World Industrial Production

1917.	less than 3 percent
1928.	approximately 5 percent
1937.	less than 10 percent
1950.	approximately 20 percent
1978.	All the socialist countries . . . more than 40 percent
CEMA member countries--approximately one-third of the world industrial production	
USSR--one-fifth of the world industrial production	

In 1913 prerevolutionary Russia accounted for only a little more than 4 percent of the world industrial production.

At present, of the total volume of industrial production of the world the socialist countries account for more than 40 percent, the developing countries--approximately 7 percent and the developed capitalist countries--about one-half. The industrial production of the socialist countries is more than three-fourths of the industrial production of the economically developed capitalist countries.

At present in our country more industrial production is being put out than was produced in the entire world in 1950.

Indicators of Economic Development of the Socialist, Developed Capitalist and Developing Countries

	Average annual growth rate in 1951-1978, percent		
	national income	industrial production	agricultural production
Socialist countries.	7.5*	9.6	3.3*
including CEMA member countries.	7.6	9.2	3.3
of them the USSR	7.7	9.1	3.5
Developed capitalist countries	4.2	4.8	2.2
of them the United States.	3.5	4.3	1.7
Developing countries	5.2	7.6	3.0

* For 1951-1977.

In the 30 years since the formation of CEMA the national income of the CEMA member countries has increased 10-fold, industrial production has risen more than 17-fold.

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Share of the Socialist Countries in the World Production of Some
Types of Industrial and Agricultural Products
(percent)

	1950	1965	1970	1978
Electric power (gross generation)	15	23	22	25
Petroleum (including gas condensate)	8	18	17	24
Natural gas	5	21	22	32
Commercial coal	34	53	55	59
Steel	19	30	30	35
Mineral fertilizers (in terms of 100 percent nutrients)	21	29	33	41
Lumber	29	39	38	35
Cement	16	28	28	33
Cotton fabrics	22	34	40	49
Wool fabrics	21	33	37	44
Cereal and leguminous crops	35	36	39	38
Potatoes	60	65	67	67
Sugar beets (industrial)	44	55	52	51
Cotton (in terms of fiber)	29	30	35	39

Growth Rate of Industrial Production in the Socialist Countries
and in Other Countries
(1950 = 100)

Years	Entire world	Socialist countries	Other countries	Including	
				developed capitalist countries	developing countries
1950	100	100	100	100	100
1955	147	191	135	132	156
1960	206	354	167	162	234
1965	285	501	227	218	329
1970	388	723	298	284	459
1978	596	13-fold	408	371	770
Average annual growth rate (percent):					
for 1951-1978	6.6	9.6	5.1	4.8	7.6
of them, 1971- 1978	5.5	7.8	4.0	3.4	6.7

In 1978 the industrial production of the socialist countries was approximately 23-fold more than was produced on the same territory in 1937, with a 6.2-fold increase of the production of the capitalist countries during this period. If we compare the current production of all the socialist countries with the production of the socialist countries in 1937 (that is, the USSR and Mongolia), the industrial production of the socialist countries during this period increased 46-fold, while that of the capitalist countries increased 5.6-fold.

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Ratio of the Main Indicators of USSR and U.S. Economic Development

	USSR as a percent of the United States
National income:	
1950.	31
1970.	over 65
1978.	67
Industrial production:	
1913*	12.5
1950.	less than 30
1970.	over 75
1978.	over 80
Generation of electric power:	
1913*	8
1950.	22
1970.	43
1978.	50
Electric power consumption in industry:	
1913*	13
1950.	31
1970.	68
1978.	86
Petroleum production (including gas condensate):	
1913*	27
1950.	14
1970.	74
1978.	136
Steel smelting:	
1913*	15
1950.	30
1970.	95
1978.	120
Production of mineral fertilizers (in terms of 100 percent nutrients):	
1913*	3
1950.	31
1970.	88
1978.	121
Production of cement:	
1913*	13
1950.	26
1970.	141
1978.	165

/Table continued on following page/

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	USSR as a percent of the United States
Production of cotton fabrics:	
1913*	41
1950.	32
1970.	98
1978.	174
Agricultural production (average per year):	
1909-1913	65
1971-1975	approximately 85
1976-1978	approximately 85
Grain production (average per year):	
1909-1913	73
1971-1975	78
1976-1978	82
Cotton production (in terms of fiber; average per year)	
1909-1913	7
1971-1975	99.7
1976-1978	105
Freight turnover of all types of transport:	
1913*	19
1950.	31
1970.	102
1978.	131
including freight turnover of rail transport:	
1913*	16
1950.	66
1970.	218
1978.	264
Amount of capital investments:	
1950.	about 30
1970.	about 100
1978.	about 100
Productivity of social labor in 1978.	approximately 40
Labor productivity in industry:	
1913*	approximately 11
1950.	less than 30
1970.	approximately 53
1978.	over 55
Labor productivity in agriculture in 1966-1978 (average per year).	approximately 20-25

*The data for our country for 1913 are cited for the territory of the former Russian Empire.

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Average Annual Growth Rate of Main Indicators of
USSR and U.S. Economic Development in 1951-1978
(percent)

	USSR	United States
National income	7.7	3.5
Industrial production	9.1	4.3
Agricultural production	3.5	1.7
Freight turnover of all types of transport	7.9	2.4
Capital investments	8.7	3.1
Productivity of social labor	6.7	2.2
Labor productivity in industry	5.9	3.3

Growth Rate of National Income in Individual Countries

	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
Total amount of national income					
USSR	100	364	528	808	153
Bulgaria	100	391	593	10-fold	174
Hungary	100	216	300	466	156
German Democratic Republic	100	310	401	590	147
Poland	100	280	374	687	184
Romania	100	413	599	13-fold	222
Czechoslovakia	100	228	319	474	149
Yugoslavia	100*	272	359	572	159
Great Britain	100	152	171	200	117
Italy	100	225	300	371	124
United States	100	174	202	260	129
Federal Republic of Germany	100	273	341	420	123
France	100	206	268	361	134
Japan	100	368	638	976	153
Per capita national income					
USSR	100	284	392	557	142
Bulgaria	100	346	506	8.5-fold	167
Hungary	100	199	271	407	150
German Democratic Republic	100	335	432	647	150
Poland	100	220	283	486	171
Romania	100	354	482	9.9-fold	206
Czechoslovakia	100	200	275	387	141
Yugoslavia	100*	235	296	437	148
Great Britain	100	140	154	179	116
Italy	100	202	261	306	117

* 1952

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	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
United States.	100	135	149	181	122
Federal Republic of Germany. .	100	232	278	337	121
France	100	177	220	283	128
Japan.	100	310	509	707	139

The national income of all the socialist countries in the world total is one third, while that of the CEMA member countries is one-fourth.

Place Held by USSR Industry in the World and in Europe in Production Volume

	1913		1978	
	World	Europe	World	Europe
All industrial production. . . .	5	4	2	1
Electric power	8	6	2	1
Petroleum (including gas condensate)	2	1	1	1
Gas.	Prerevolutionary Russia produced a negligible amount		2	1
Coal (commercial).	6	5	1	1
Pig iron	5	4	1	1
Steel.	5	4	1	1
Iron ore	5	4	1	1
Coke	4	3	1	1
Products of chemical industry. .	-	-	2	1
Mineral fertilizers.	-	-	1	1
Sulfuric acid in monohydrate . .	-	-	2	1
Products of machine building . .	4	3	2	1
Main line diesel and electric locomotives.	Prerevolutionary Russia did not produce		1*	1
Tractors (by total engine horsepower).	Prerevolutionary Russia did not produce		1*	1
Timber logging	2	1	1*	1
Lumber	2	1	1	1
Cement	5	4	1	1
Precast reinforced concrete components and parts.	Prerevolutionary Russia did not produce		1	1
Wool fabrics	-	-	1	1
Leather shoes.	-	-	1	1
Household refrigerators.	Prerevolutionary Russia did not produce		1*	1
Granulated sugar (from domestic raw materials)	4	2	1	1
Animal oil	-	-	1	1

* 1977.

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Growth Rate of Industrial Production in Individual Countries

	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
USSR.	100	458	689	11-fold	166
Bulgaria.	100	691	12-fold	22-fold	188
Hungary	100	386	523	835	160
Vietnam	100*	9.2-fold	--	21-fold	--
German Democratic Republic. . .	100	392	536	856	160
Cuba.	100**	99	114	195	171
Mongolian People's Republic . .	100	446	714	13-fold	184
Poland.	100	475	708	14-fold	201
Romania	100	649	11-fold	29-fold	251
Czechoslovakia.	100	353	488	788	161
Albania	100	839	15-fold	27-fold	176
China	Data not published in China since 1960				
Democratic People's Republic of Korea	100***	12-fold	21-fold	67-fold	318
Yugoslavia.	100	435	586	11-fold	181
Great Britain	100	160	181	206	114
Italy	100	328	465	583	125
United States	100	200	240	323	135
Federal Republic of Germany . .	100	319	426	499	117
France.	100	228	296	376	127
Japan	100	748	15-fold	21-fold	135

* 1955.

** 1960.

*** 1949.

In the past 10 years the industrial production volume of the USSR has doubled. At the same time Great Britain needed 26 year, the FRG--18 years, France--17 years and the United States--16 years to double their industrial production.

Growth Rate of Per Capita Industrial Production in Individual Countries

	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
USSR.	100	357	511	790	155
Bulgaria.	100	611	990	18-fold	180
Hungary	100	355	472	730	155
Vietnam	100*	7-fold	--	10-fold	--

* 1955.

/Table continued on following page/

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	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
German Democratic Republic. .	100	422	578	944	163
Cuba.	100*	89	94	140	150
Mongolian People's Republic .	100	313	438	639	146
Poland.	100	375	538	10-fold	188
Romania	100	556	916	21-fold	232
Czechoslovakia.	100	309	422	645	153
Albania	100	547	877	13-fold	147
China	Data not published in China since 1960				
Democratic People's Republic of Korea.	100**	10-fold	15-fold	39-fold	268
Yugoslavia.	100	366	470	790	168
Great Britain	100	148	164	185	113
Italy	100	295	405	481	119
United States	100	157	178	225	126
Federal Republic of Germany .	100	271	348	400	115
France.	100	195	243	294	121
Japan	100	630	12-fold	15-fold	122

* 1960.

** 1949.

Growth Rate of Production of Most Important Sectors of Industry
in the USSR and United States

	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
All industry					
USSR.	100	458	689	11-fold	166
United States	100	200	240	323	135
Electric power generation					
USSR.	100	555	812	13-fold	162
United States	100	299	424	588	139
Fuel industry					
USSR.	100	334	441	657	149
United States	100	145	173	202	117
Ferrous metallurgy					
USSR.	100	396	522	733	140
United States	100	132	131	141	107
Chemical and petrochemical industry					
USSR.	100	766	14-fold	27-fold	200
United States	100	312	450	768	171

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	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
Machine building and metalworking					
USSR.	100	757	13-fold	30-fold	224
United States	100	228	268	384	144
Timber, wood processing, pulp and paper industry					
USSR.	100	275	361	497	138
United States	100	176	205	274	134
Construction materials industry, glass and porcelain industry					
USSR.	100	773	12-fold	19-fold	159
United States	100	169	177	252	142
Light industry					
USSR.	100	283	427	598	140
United States	100	145	149	180	121
Food, flour milling and groats industry					
USSR.	100	334	442	599	136
United States	100	157	188	242	129

Growth Rate of Labor Productivity in Industry of Individual Countries
(per worker)

	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
USSR.	100	256	338	503	149
Bulgaria.	100	264	367	614	167
Hungary	100	205	243	389	160
German Democratic Republic. . .	100	287	388	578	150
Mongolian People's Republic . .	100	154	216	318	147
Poland.	100	265	337	588	175
Romania	100	343	488	841	172
Czechoslovakia.	100	237	308	477	154
Yugoslavia.	100*	185	236	314	133
Great Britain	100	144	164	194	118
Italy	100	293	385	460	120
United States	100	173	194	249	128
Federal Republic of Germany . .	100	192	251	343	136
France.	100	193	255	338	133
Japan	100	433	756	11-fold	144

* 1952.

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Average Annual Growth Rate and Absolute Increase of Production of the
Most Important Types of Industrial Production in the USSR and United States
in 1951-1978

	Average annual growth rate, percent		Average annual absolute increase	
	USSR	United States*	USSR	United States*
Electric power (gross generation)	9.6	6.5	39.7 billion kWh	71 billion kWh
Petroleum (including gas condensate)	10.2	1.6	19.1 million tons	5.5 million tons
Natural gas	16.1	4.6	12.2 billion m ³	15.7 billion m ³
Coal (commercial)	3.5	0.8	14.6 million tons	4.4 million tons
Pig iron	6.5	1.0	3.3 million tons	0.7 million tons
Steel	6.3	1.2	4.4 million tons	1.3 million tons
Iron ore	6.7	-2.0**	7.3 million tons	-1.5** million tons
Mineral fertilizers (in terms of 100 percent nutrients)	11.1	5.8	0.8 million tons	0.6 million tons
Sulfuric acid in monohydrate	8.8	3.9	0.7 million tons	0.8 million tons
Chemical fibers and filaments	14.7	6.8	39,500 tons	120,000 tons
Main line diesel and electric locomotives	7.7	-4.6**	57 units	-94** units
Tractors, excluding small-power garden tractors	6.1	-2.9**	16,700 units	-11,000** units
Timber logging	1.1	0.8**	3.4 million solid m ³	2.5** million solid m ³
including commercial	2.0	1.4**	4.4 million solid m ³	3.9** million solid m ³
Lumber (including ties)	2.5	0.1	2.0 million m ³	0.1 million m ³
Cement	9.4	2.5	4.2 million tons	1.4 million tons
Cotton fabrics	3.4	-2.7	151 million m ²	-162 million m ²
Wool fabrics	5.1	-4.6	21 million m ²	-16 million m ²
Silk fabrics	10.5	4.5	56.7 million m ²	188 million m ²
Leather shoes	4.7	-0.5	19.2 million pair	-2.6 million pair
Granulated sugar (from domestic raw materials)	4.5	1.9	217,000 tons	74,000 tons
Animal oil (including production in households)	4.1	-1.5	35,400 tons	-9,200 tons

* A minus sign (-) means a decline in the production of the indicated product.

** For 1951-1977.

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Production of Most Important Types of Industrial Production in Individual Countries

	USSR			1978		
	1913	1940	1978	Bulgaria	Hungary	GDR
Electric power, billions of kWh						
gross generation.	2.0	48.6	1220	31.5	25.5	96.0
release from collecting bars.	2.0	46.0	1124	26.5*	21.5*	83.0*
Electric power consumption in industry, billions of kWh . . .	1.6	54.8	737	19.3*	15.4*	59.7*
Petroleum (including gas condensate), millions of tons. . .	10.3	31.1	572	0.2	2.2	--
Natural gas,** billions of m ³ .	--	3.0	347	0.03	7.3	--
Coal, millions of tons:						
extraction.	29.2	166	724			
commercial.	28.9	163	664	25.8	25.7	253.4
including:						
hard.	27.7	137	501	0.3	3.0	0.1
lignite.	1.2	26	163	25.5	22.7	253.3
Pig iron, millions of tons. . .	4.2	14.9	111	1.5	2.3	2.6
Steel, millions of tons	4.3	18.3	151	2.5	3.9	7.0
Iron ore, millions of tons. . .	9.2	29.9	244	1.1	0.3	0.1
Mineral fertilizers, millions of tons:						
in terms of 100 percent nutrients	0.02	0.8	23.7	0.7	1.0	4.6
in conventional units . . .	0.09	3.3	98.0	3.5	4.8	14.5

* 1977.

** The data are cited on the basis of the volume of gas at a temperature of 0°C and a pressure of 760 mm mercury. Gas production in the USSR according to the accounting methodology used in the USSR (at a temperature of 20°C and a pressure of 760 mm mercury) in 1978 was 372 billion m³.

*** 1976. /Table continued on following page/

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	1978					
	Czecho- slovakia	Yugo- slavia	Great Britain	Italy	United States	FRG France Japan
Electric power, billions of kWh						
gross generation.	69.0	51.3	288	175	2400	345 226 554
release from collecting bars	60.9*	46.4*	269	165	2310	328 216 523
Electric power consumption in industry, billions of kWh .	46.0*	25.2*	133	93	860	183 125 317
Petroleum (including gas condensate), millions of tons.	0.1	4.1	58.5	1.4	420	5.1 1.1 0.6
Natural gas, ** billions of m ³	1.2	1.9	39.0	13.7	614	19.7 10.7 3.0
Coal, millions of tons:						
extraction.	123.2	39.7	120	1.9	632	210 22.8 19.5
commercial.						
including:						
hard.	28.3	0.5	120	--	606	92 19.5 19.4
lignite.	94.9	39.2	--	1.9	26	118 3.3 0.1
Pig iron, millions of tons.	9.9	2.1	11.6	11.4	78.2	31.3 18.5 78.4
Steel, millions of tons . .	15.2	3.5	20.2	24.4	126	41.0 22.8 102.1
Iron ore, millions of tons.	1.0	4.6***	3.7*	0.6*	58.0*	2.5* 36.6* 0.7*
Mineral fertilizers, millions of tons:						
in terms of 100 percent						
nutrients.	1.2	0.4	1.6	1.6	19.5	4.3 4.8 2.1
in conventional units . .	5.7	2.0	8.0	7.4	93.0	15.7 20.0 10.8

* 1977.

** See note on preceding page.

*** Grude iron ore. /Table continued on following page/

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	USSR				1978			
	1913	1940	1978	Bulgaria	Hungary	GDR	Poland	Romania
Sulfuric acid in monohydrate, millions of tons.	0.1	1.6	22.4	1.0	0.7	1.0	3.3	1.7
Chemical fibers and filaments, thousands of tons	--	11.1	1131	82	28	295	252	197
Main line diesel and electric locomotives, units.	--	14	1830	--	30	70	496	274
Tractors, excluding small-power garden tractors,* thousands of units.	--	31.6	576	7.7	0.4	4.0	60	86
Grain-harvesting combines, thousands of units.	--	12.8	113	--	--	--	4.3	3.9
Timber logging, millions of solid m ³	67.0	247	361	4.4**	5.6**	8.3**	18.1**	18.6**
including commercial timber .	30.5	118	284	3.4**	3.2**	7.9**	17.8**	15.0**
Lumber (including ties), millions of m ³	14.5	39.1	110	1.6	0.8	2.1	7.8	4.5
Cement, millions of tons.	1.8	5.8	127	5.1	4.8	12.5	21.7	13.9
Window glass, millions of m ² : in physical terms	24.7	45.7	266					
in conventional terms (2 mm). .	--	--	419	26.5	18.5	23.5	70.5	76.6

*The production of small-power garden tractors and motorized cultivators, which are not produced in the USSR, in the capital countries has reached considerable amounts. The output of such garden tractors and motorized cultivators in 1977 in the United States was 874,000, in Japan--370,000. The total horsepower of the engines of tractors in 1977 in the USSR was 45.4 million hp, while in the United States (including small-power garden tractors and motorized cultivators) it was 35 million hp.

** 1977.

/Table continued on following page/

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	1978						
	Czecho- slovakia	Yugo- slavia	Great Britain	Italy	United States	FRG	France Japan
Sulfuric acid in monohydrate, millions of tons.	1.2	1.0	3.4	2.7	35.0	4.7	4.6 6.4
Chemical fibers and filaments, thousands of tons.	163	108	620	450	4000	1000	340 1900
Main line diesels and electric locomotives, units.	626*	38*	247*	--	1008*	424*	98 128**
Tractors, excluding small- power garden tractors,*** thousands of units.	61*	50	116	137	246*	129*	55 266*
Grain-harvesting combines, thousands of units.	--	2.5**	1.4*	2****	32.0*	13.5*	3.7* 172**
Timber logging, millions of solid m ³	17.2*	14.0**	3.3**	6.9*	351*	28.8*	30.3* 36.3*
including commercial timber. . .	15.8*	10.0**	3.2**	3.5*	336*	27.0*	27.5* 35.5*
Lumber (including ties), millions of m ³	4.7	4.1	1.3	1.9	92.5	10.9	10.4 38.9
Cement, millions of tons.	10.2	8.7	16	39	77	34	29 85
Window glass, millions of m ² : in physical terms.	21.8	28.2	--	16.8	86.0	32.0	37.2* 123
in conventional terms (2 mm). . .							

* 1977.

** 1976.

*** See note on preceding page.

**** 1973.

/Table continued on following page/

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	USSR			1978		
	1913	1940	1978	Bulgaria	Hungary	Poland Romania
Cotton fabrics, billions of m ² . . .	1.8	2.7	7.0	0.3	0.4	0.5 1.0 0.7
Wool fabrics, millions of m ² . . .	138	155	781	50	39	106 196 103
Silk fabrics, millions of m ² . . .	35.4	66.7	1695	36	62	120 183 126
Leather shoes, millions of pair . .	68	212	740	24	46	79 135 86
Granulated sugar (from domestic raw materials), millions of tons. .	1.4	2.2	8.6	0.4	0.5	0.8 1.6 0.6
Catch of fish, sea animals, whales and sea products, millions of tons	1.1	1.4	9.2	0.2	0.02	0.2 0.6 0.1
Animal oil, thousands of tons . . .	366	375	1472			
including industrially processed.	129	252	1381	20	29	281 258 44
Meat, millions of tons.	5.0	4.7	15.3	0.7*	1.5*	1.8* 3.1 1.5*
including industrially processed.	1.3	1.5	9.6	0.5	0.7	1.5 2.5 0.9
Milk, millions of tons.	29.4	33.6	94.5	1.9*	2.2*	7.9* 17.0 5.4*

* 1977.

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/Table continued on following page/

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	1978					
	Czecho- slovakia	Yugo- slavia	Great Britain	Italy	United States	FRG France Japan
Cotton fabrics, billions of m ² . . .	0.5	0.4	0.4	0.9	4.0	0.9 0.9 2.1
Wool fabrics, millions of m ² . . .	92	73	170	480	160	100 180 330
Silk fabrics, millions of m ² . . .	104	41	380	200*	7400	400* 350 2800
Leather shoes, millions of pair . .	120	58	140	270*	450	120 220 110
Granulated sugar (from domestic raw materials), millions of tons. .	0.9	0.7	0.9	1.2	5.1	2.5 3.3 0.6
Catch of fish, sea animals, whales and sea products, millions of tons	0.02*	0.1	1.0*	0.4*	3.1*	0.4* 0.8* 10.9*
Animal oil, thousands of tons . . . including industrially processed.	119	12*	164	73	490	564 545 51
Meat, millions of tons. including industrially processed.	1.4*	1.4*	3.0	3.0	26.0	5.1 5.4 --
Milk, millions of tons.	5.6*	4.2*	15.8	10.6	55.5	23.3 31.2 6.0

* 1977.

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Per Capita Production of Most Important Types of Industrial Production in Individual Countries	USSR					1978			
	1913	1940	1978	Bulgaria	Hungary	GDR	Poland	Romania	
Electric power, kWh:									
Gross generation.	12.8	249	4600	3558	2390	5724	3306	2936	
release from collecting bars.	12.6	235	4301	3014	2015	4950	2994	2525	
Petroleum (including gas condensate), kg.	65	159	2188	28	206	--	10	627	
Natural gas, m ³	--	15	1328	4	686	--	218	1625	
Coal, kg:									
extraction.	183	849	2770						
commercial.	181	836	2543	2913	2402	15112	6686	1338	
Steel, kg	27	94	580	279	363	416	551	538	
Iron ore, kg.	58	153	935	122	27	4	8	59	
Mineral fertilizers, kg:									
in terms of 100 percent nutrients	0.1	3.9	91	77	96	276	75	113	
in conventional units	0.6	17	375	391	448	868	371	554	
Sulfuric acid in monohydrate, kg.	0.9	8.1	86	110	64	58	95	76	
Chemical fibers and filaments, kg	--	0.1	4.3	9.3	2.7	17.6	7.2	9.0	
Main line diesel and electric locomotives (per 1 million people), units.	--	0.1	7.0	--	2.8	4.2	14	13	
Tractors, excluding small-power garden tractors (per 1,000 people), units.	--	0.2	2.2	0.9	0.04	0.2	1.7	3.0	
Grain-harvesting combines (per 1,000 people), units	--	0.07	0.4	--	--	--	0.1	0.2	
Cement, kg.	11	30	486	582	446	747	619	635	

/Table continued on following page/

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	1978					
	Czecho- slovakia	Yugo- slavia	Great Britain	Italy	United States	France Japan
Electric power, kWh:						
gross generation.	4561	2333	5152	3379	10984	5794 4246 4819
release from collecting bars. . . .	4055	2131	4800	3200	10572	5500 4060 4550
Petroleum (including gas con- densate), kg.	8	186	1047	25	1922	85 20 5
Natural gas, m ³	76	88	698	241	2810	331 201 26
Coal, kg:						
extraction.						
commercial.	8139	1807	2147	33	2892	3517 428 169
Steel, kg	1005	157	361	430	577	688 428 888
Iron ore, kg.	69	208	67	10.2	268	42 690 6.0
Mineral fertilizers, kg:						
in terms of 100 percent						
nutrients	81	19	29	28	89	72 90 19
in conventional units	378	93	143	131	426	263 376 94
Sulfuric acid in monohydrate, kg. . .	79	44	62	48	160	78 86 56
Chemical fibers and filaments, kg . .	10.8	4.9	11	8	15	17 6 17
Main line diesel and electric locomotives (per 1 million people), units.	42	1.8	4.4	--	4.6	7.1 1.8 1.1
Tractors, excluding small- power garden tractors (per 1,000 people), units.	4.0	2.3	2.1	2.4	1.1	2.2 1.0 2.3
Grain-harvesting combines (per 1,000 people), units	--	0.1	0.03	0.04	0.1	0.2 0.1 1.5
Cement, kg.	674	396	286	688	352	562 544 738

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	USSR			1978			Poland	Romania
	1913	1940	1978	Bulgaria	Hungary	GDR		
Window glass, m ² :								
in physical terms	0.16	0.23	1.02					
in conventional terms (2 mm)	--	--	1.60	3.0	1.7	1.4	2.0	3.5
Cotton fabrics, m ²	11	14	27	39	34	28	28	22
Wool fabrics, m ²	0.9	0.8	3.0	5.6	3.7	6.3	5.6	4.7
Silk fabrics, m ²	0.2	0.4	6.5	4.0	5.8	7.2	5.2	5.8
Leather shoes, pairs	0.4	1.1	2.8	2.7	4.3	4.7	3.9	3.9
Granulated sugar (from domestic raw materials), kg	8.6	11	33	44	46	45	46	25
Catch of fish, sea animals, whales and sea products, kg	6.6	7.3	35	17	1.7	13	17	6.3
Animal oil (including production in households), kg	2.3	1.9	5.6	2.2*	2.7*	17*	7.3*	2.0*
Meat (in dressed weight), kg	31	24	59	80	138	105	90	69
Milk, kg	185	172	362	219	202	474	486	249

* Industrial production.

/Table continued on following page/

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	1978					
	Czecho- slovakia	Yugo- slavia	Great Britain	Italy	United States	FRG France Japan
Window glass, m ² : in physical terms	1.4	1.3	--	0.3	0.4	0.5 0.7 1.1
in conventional terms (2 mm)	36	19	7	16	18	15 17 18
Cotton fabrics, m ²	6.1	3.3	3.0	8.5	0.7	1.7 3.4 2.9
Wool fabrics, m ²	6.8	1.9	6.8	3.5	33.9	6.7 6.6 24.4
Silk fabrics, m ²	7.9	2.6	2.5	4.8	2.1	2.0 4.1 1.0
Leather shoes, pairs						
Granulated sugar (from domestic raw materials), kg	60	33	17	22	23	43 62 5.0
Catch of fish, sea animals, whales and sea products, kg	1.2	2.9	18.0	7.6	14.3	7.3 14.3 95.5
Animal oil (including production in households), kg.	7.9*	0.6	2.9	1.3	2.2	9.5 10.2 0.4
Meat (in dressed weight), kg	92	65	54	53	119	86 102 --
Milk, kg	373	193	283	187	254	390 586 52

* Industrial production.

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Ratio of Production of Most Important Types of Industrial Production of
the USSR and Some Capitalist Countries

Years	USSR as a percentage of				
	United States	Great Britain	FRG	France	Great Britain, FRG and France combined
Electric power (gross generation)					
1913 ¹	8	49	82	110	24
1928	4	31	29	34	10
1932	13	67	92	86	27
1937	24	109	126	172	44
1940	26	122	133	247	51
1945	15	91	233	223	51
1950	22	136	197	263	62
1960	33	213	251	389	89
1965	41	258	300	477	107
1970	43	297	312	505	117
1978	50	417	348	531	140
Consumption of electric power in industry					
1913 ¹	13	50	80	95	23
1928	5	31	30	33	10
1932	18	...	...	...	...
1937	33	130	...	180	...
1940	35	...	...	...	...
1945	20	...	...	...	...
1950	31	179	210	293	73
1960	46	283	254	414	101
1965	62	362	320	506	127
1970	68	417	345	545	140
1978	86	553	404	589	167
Petroleum (including gas condensate)					
1913 ¹	27	Petroleum production in Great Britain, FRG and France is negligible			
1928	9				
1932	20				
1937	16				
1940	17				
1945	8				
1950	14				
1960	42				
1965	63				
1970	74				
1978	136	977			

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Years	USSR as a percentage of				
	United States	Great Britain	FRG	France	Great Britain, FRG and France combined
Natural gas					
1928	0.7	—	—	—	—
1932	2	—	—	—	—
1937	3	—	9 671	—	9 671
1940	4	—	...	—	...
1945	3	—	4 493	3 819	2 064
1950	3	—	8 802	2 304	1 823
1960	12	—	7 473	1 012	891
1965	27	—	4 509	1 591	1 175
1970	30	1 668	1 470	1 895	553
1978	56	889	1 761	3 242	500
Pig iron					
1913 ¹	15	44	38	51	15
1928	9	49	24	33	11
1932	70	170	121	111	43
1937	39	168	95	184	46
1940	35	179	...	405	...
1945	18	122	...	748	...
1950	32	196	172	247	67
1960	77	292	182	331	84
1965	82	373	245	420	109
1970	103	486	256	447	122
1978	142	953	354	598	180
Steel					
1913 ¹	15	63	38	70	18
1928	8	49	29	45	13
1932	43	111	90	105	34
1937	33	134	99	224	45
1940	29	139	108	415	53
1945	16	102	...	738	...
1950	30	165	195	316	70
1960	71	264	191	378	86
1965	75	332	247	464	109
1970	95	409	257	487	119
1978	120	750	369	664	180

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Years	USSR as a percentage of				
	United States	Great Britain	FRG	France	Great Britain, FRG and France combined
Iron ore					
1913 ¹	15	57	175	21	14
1928	10	54	128	12	9
1932	121	162	1 099	44	33
1937	38	192	370	73	46
1940	40	166	203	164	59
1945	18	110	...	206	...
1950	40	301	435	132	76
1960	117	611	782	158	108
1965	172	980	1 929	258	185
1970	214	1 627	2 891	341	257
1977	413	6 402	9 697	654	559
Mineral fertilizers (in terms of 100 percent nutrients)					
1913 ¹	3	5,4	1,0	3,3	0,7
1938	64	262	47	67	25
1950	31	200	78	80	33
1960	43	408	89	113	44
1965	69	709	164	179	77
1970	88	1 134	274	297	127
1978	121	1 438	550	493	220
Chemical fibers and filaments					
1928	0,4	...	...	...	...
1932	5	...	...	...	...
1937	6	13	10	24	5
1940	5	15	...	...	...
1945	0,3	2	...	...	...
1950	4	14	15	29	6
1960	27	79	75	129	30
1965	27	106	94	189	39
1970	28	102	90	200	39
1978	28	182	113	333	58

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Years	USSR as a percentage of				
	United States	Great Britain	FRG	France	Great Britain, FRG and France combined
Main line diesel and electric locomotives					
1950	6,4	...	...	...	...
1960	195	144	138	546	62
1965	122	296	249	726	114
1970	163	796	450	891	217
1978	175 ²	715 ²	440 ²	19-fold	228 ²
Tractors (in physical units)					
1928	0,7	...	...	...	...
1940	12	177	...	...	...
1950	20	90	209	767	58
1960	117	128	198	376	65
1965	117	195	338	545	101
1970	208	282	435	666	136
1978	232 ²	497	442 ²	10-fold	168 ²
Cement					
1913 ¹	13	69	39	101	20
1928	6	42	32	44	13
1932	26	81	159	60	28
1937	27	74	54	127	25
1940	26	79	76	128	30
1945	11	45	...	101	...
1950	26	103	92	137	36
1960	81	337	183	317	86
1965	111	427	212	323	98
1970	141	559	249	328	113
1978	165	793	378	438	162

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Years	USSR as a percentage of				
	United States	Great Britain	FRG	France	Great Britain, FRG and France combined
Cotton fabrics					
1913 ¹	41	32	...	...	...
1928	30	...	...	...	...
1932	38	...	...	...	...
1937	33	78	...	187	...
1940	37	131	...	...	...
1945	15	87	...	...	...
1950	32	150	324	264	74
1960	57	435	373	382	132
1965	66	631	555	514	188
1970	98	1 039	729	557	242
1978	174	1 833	810	774	326
Wool fabrics					
1928	26	...	...	...	...
1937	29	33	...	...	...
1940	33	...	...	...	...
1945	10	23	...	...	...
1950	32	49	...	...	...
1960	109	132	256	263	65
1965	124	157	297	289	76
1970	252	269	523	427	125
1978	488	459	781	434	174
Granulated sugar (from domestic raw materials)					
1913 ¹	103	...	...	207	...
1928	70	651	...	157	...
1932	35	251	...	90	...
1937	103	632	...	278	...
1940	80	439	...	...	...
1945	21	91	...	112	...
1950	84	379	276	196	88
1960	149	583	293	210	101
1965	201	1 036	621	414	200
1970	173	899	430	315	151
1978	170	935	338	260	127

1. For the territory within the boundaries of the former Russian Empire.
2. 1977.
3. 1976

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Generation of Electric Power by Countries of the World
(gross output)

States and territories	Years	Total, bil- lions of kWh	Per capita, kWh
Entire world.	1978	7512	1764
Socialist countries			
USSR.	1978	1202	4600
Bulgaria.	1978	31.5	3558
Hungary	1978	25.5	2390
Vietnam	1978	3.9	75
German Democratic Republic.	1978	96.0	5724
Cuba.	1978	8.4	862
Mongolian People's Republic	1978	1.2	735
Poland.	1978	116	3306
Romania	1978	64.2	2936
Czechoslovakia.	1978	69.0	4561
Albania	1976	1.9	779
China	1959	41.5	63
Democratic People's Republic of Korea	1977	33.0	1982
Laos.	1976	0.3	74
Yugoslavia.	1978	51.3	2333
Other countries			
Europe			
Norway.	1978	81.2	20040
Iceland	1978	2.7	12230
Sweden.	1978	92.5	11150
Finland	1978	34.2	7185
Switzerland	1978	44.6	7068
Federal Republic of Germany	1978	345	5794
Belgium	1978	50.8	5166
Great Britain	1978	288	5152
Austria	1978	38.4	5113
Netherlands	1978	61.6	4422
France.	1978	226	4246
Denmark	1978	20.8	4037
Luxembourg.	1978	1.4	3889
Italy	1978	175	3379
Ireland*	1978	9.9	3078
Spain	1978	98.5	2654
Greece.	1978	20.0	2135
Portugal.	1978	13.4	1303
Asia			
Japan**	1978	554	4819
Bahrain	1977	1.1	3500

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States and territories	Years	Total, bil- lions of kWh	Per capita, kWh
Israel.	1978	11.9	3220
Singapore	1978	5.9	2518
Cyprus.	1978	0.9	1444
South Korea	1978	33.0	917
Iran.	1976	17.3	515
Turkey.	1978	21.1	487
Syria	1977	2.2	286
Thailand.	1977	11.7	265
Philippines	1977	11.3	251
India**	1978	118	185
Pakistan.	1976	10.9	150
Sri Lanka	1976	1.2	88
Afghanistan	1976	0.7	38
Burma	1977	1.1	34
Indonesia	1976	4.1	29
Bangladesh.	1976	1.7	21
Africa			
Republic of South Africa.	1978	84.4	3080
Zambia.	1976	7.4	1432
Rhodesia.	1978	4.5	646
Libya	1976	1.5	586
Mauritius	1977	0.5	523
Liberia	1976	0.9	510
Gabon	1976	0.2	434
Ghana	1976	4.2	410
Tunisia	1977	1.7	295
Egypt	1976	11.0	276
Algeria	1976	4.6	272
Angola.	1976	1.3	226
Cameroon.	1976	1.3	204
Mozambique.	1976	1.9	203
Morocco	1977	3.7	201
Ivory Coast	1976	1.0	191
Zaire	1976	3.3	129
Senegal	1976	0.5	104
Congo	1976	0.1	86
Kenya	1977	1.2	86
Uganda.	1976	0.7	66
Tanzania.	1976	0.7	65
Sierra Leone.	1976	0.2	64
Nigeria	1976	3.4	53
Malawi.	1977	0.3	51
Sudan	1976	0.7	45
Madagascar.	1976	0.3	43

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States and territories	Years	Total, bil- lions of kWh	Per capita, kWh
Rwanda.	1976	0.1	34
Ethiopia.	1976	0.7	24
Central African Republic.	1977	0.05	18
Mali.	1976	0.1	17
Niger.	1976	0.1	16
Chad.	1977	0.06	14
Somali.	1976	0.04	13
Upper Volta.	1976	0.06	10
North and Central America			
Canada.	1978	341	14500
United States.	1978	2400	10984
Jamaica.	1976	2.4	1178
Panama.	1977	1.6	932
Mexico.	1978	56.7	847
Costa Rica.	1976	1.6	821
Dominican Republic.	1976	2.8	570
Nicaragua.	1976	1.0	456
El Salvador.	1976	1.2	291
Guatemala.	1976	1.3	200
Honduras.	1976	0.6	187
Haiti.	1976	0.2	34
South America			
Surinam.	1976	1.3	3034
Venezuela.	1976	23.3	1883
Argentina.	1978	35.0	1326
Chile.	1978	10.2	934
Uruguay.	1976	2.8	929
Brazil.	1977	83.0	740
Colombia.	1977	15.5	640
Peru.	1976	8.7	528
Guyana.	1976	0.4	502
Ecuador.	1976	1.9	258
Paraguay.	1976	0.7	188
Bolivia.	1976	1.1	181
Australia and Oceania			
New Zealand***.	1978	21.1	6742
Australia****.	1978	86.0	6031
Fiji.	1976	0.3	431
Papua New Guinea.	1976	1.0	367

*Data are cited for general-purpose electric power stations.

**From 1 April of given year to 31 March of following year.

***Data are cited for general-purpose electric power stations from 1 April of given year to 31 March of following year.

****From 1 July of preceding year to 30 June of given year.

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World Production of Main Types of Industrial and Agricultural Products

	1913	1940	1950	1965	1970	1978
Electric power (gross generation), billions of kWh.	60.5	553	988	3446	5003	7512
Petroleum (including gas condensate), millions of tons	53.7	292	521	1511	2276	2904
Natural gas, billions of m ³	16.7	82.0	191	681	1069	1453
Coal (commercial), millions of tons.	1337	1683	1809	2752	2926	3516
Pig iron, millions of tons	79	101	132	331	433	488*
Steel, millions of tons. .	76	142	192	463	598	714
Mineral fertilizers (in terms of 100 percent nutrients), millions of tons	4.6	9.5**	15	47	71	108
Synthetic resins and plastics, millions of tons	0.05	0.4	1.6	14.5	30.1	55.0
Chemical fibers and filaments, millions of tons. .	0.01	0.9	1.7	5.4	8.6	14.0
Cement, millions of tons .	40	87	134	435	571	803
Cereal and leguminous crops, total, millions of tons	480***	648****	698	1066	1258	1616
Cotton (in terms of fiber), millions of tons	4.8***	6.7	6.8	11.8	11.7	13.4

* 1977.

** 1938.

*** 1909-1913 (average per year).

**** 1934-1938 (average per year).

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Length of Railroad Track in Use in Individual Countries
(at end of year; thousands of km)

	1950	1965	1970	1978*
USSR--entire rail network of the Ministry of Railways and sidings of industrial enterprises and organizations.	178	214	221	228
including the entire rail network of the Ministry of Railways	117	131	135	140
Bulgaria	4.0	4.1	4.2	4.4
Hungary.	9.9	9.7	9.2	8.2
German Democratic Republic	15.9	15.9	14.7	14.2
Mongolian People's Republic.	0.7	1.4	1.4	1.4
Poland	26.3	26.9	26.7	26.9
Romania.	10.9	11.0	11.0	11.1
Czechoslovakia	13.1	13.3	13.3	13.2
Yugoslavia	11.5	11.8	10.3	10.0
Great Britain (excluding Northern Ireland) .	31.3	24.0	19.0	18.0
Italy.	21.7	21.1	20.1	20.1
United States.	360	341	332	320
Federal Republic of Germany.	37.2	35.2	33.1	31.7
France	41.4	37.8	36.0	34.2
Japan**	19.6	20.6	20.8	21.1

* For all countries, except the USSR, Poland and Japan, the data are cited for 1977, for Japan--1976.

** The data are cited for state railroads, which in 1976 accounted for 81 percent of the length of railroad track in use.

Length of Electrified Sections of Railroads in Individual Countries
(at end of year)

	1950	1965	1970	1978*
USSR (railroads of the Ministry of Railways)				
kilometers.	3042	24902	33861	41122
percent of total length of track in use . . .	2.6	19.0	25.0	29.3
Bulgaria				
kilometers.	--	414	811	1485
percent of total length of track in use . . .	--	10.1	19.3	33.6

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11 NOVEMBER 1950 USSR EMBASSY IN 1950: SYMBIONESE SEMINAR 2 OF 4

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	1950	1965	1970	1978*
Hungary				
kilometers.	319	556	935	1307
percent of total length of track in use . . .	3.2	5.8	10.2	16.0
German Democratic Republic				
kilometers.	320	1057	1357	1511
percent of total length of track in use . . .	2.0	6.6	9.3	10.6
Poland (standard gauge railroads)				
kilometers.	156	2227	3872	6496
percent of total length of track in use . . .	0.7	9.5	16.6	27.1
Romania				
kilometers.	58	58	494	1702
percent of total length of track in use . . .	0.5	0.5	4.5	15.3
Czechoslovakia				
kilometers.	113	1790	2510	2830
percent of total length of track in use . . .	0.9	13.5	18.9	21.5
Yugoslavia				
kilometers.	--	472	1510	2912
percent of total length of track in use . . .	--	4.0	14.7	29.2
Great Britain (excluding Northern Ireland)				
kilometers.	1487	2885	3162	3767
percent of total length of track in use . . .	4.7	12.0	16.7	21.0
Italy				
kilometers.	7377	9788	9330	9773
percent of total length of track in use . . .	34.0	46.3	46.4	48.6
United States (Class I railroads)				
kilometers.	4152	2910	2861	2861
percent of total length of track in use . . .	1.2	0.9	1.0	1.0
Federal Republic of Germany				
kilometers.	2500	6863	8883	10886
percent of total length of track in use . . .	6.7	19.5	26.8	34.3
France				
kilometers.	4104	8430	9359	9535
percent of total length of track in use . . .	9.9	22.3	26.0	28.0
Japan (state railroads)				
kilometers.	1659	4228	6021	7813
percent of total length of track in use . . .	8.5	20.5	29.0	37.0

* For all countries, except the USSR, Poland and Japan, the data are cited for 1977, for Japan--1976.

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Freight Turnover of Railroads in Individual Countries
(billions of tariff ton-kilometers)

	1950	1965	1970	1978*
USSR (entire rail network of the Ministry of Railways)	602	1950	2495	3429**
Bulgaria.	2.6	10.8	13.9	17.1
Hungary	5.4	17.3	19.8	24.5
German Democratic Republic.	15.1	38.9	41.5	53.2
Poland.	35.1	81.0	99.3	138.1
Romania	7.6	28.7	43.7	63.5
Czechoslovakia.	16.2	53.3	55.9	65.6
Yugoslavia.	9.9	18.0	19.3	23.2
Great Britain (excluding Northern Ireland)	36	25	27	23
Italy	11	16	19	18
United States	909	1050	1143	1300
Federal Republic of Germany	48	61	74	58
France.	41	68	72	68
Japan	34	57	63	41

* For all countries, except the socialist countries and the United States, the data are cited for 1977.

** Including the sidings of industrial enterprises and organizations the freight turnover was 3.503 trillion ton-kilometers.

Growth Rate of Capital Investments in Individual Countries

	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
USSR.	100	445	641	1031	161
Bulgaria.	100	589	11-fold	19-fold	177
Hungary	100	253	448	737	164
German Democratic Republic. . .	100	573	929	13-fold	145
Mongolian People's Republic . .	100	20-fold	26-fold	87-fold	338
Poland	100	360	531	13-fold	249
Romania.	100	748	13-fold	31-fold	242
Czechoslovakia	100	324	461	764	166
Yugoslavia	100*	321	445	775	174
Great Britain.	100	231	276	281	102

* 1952.

/Table continued on following page/

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	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
Italy.	100	275	391	367	94
Canada	100	229	266	385	145
United States.	100	180	190	233	123
Federal Republic of Germany.	100	331	398	440	111
France	100	280	383	513	134
Japan.	100*	467	10-fold	14-fold	141

* 1953

Number of Apartments Built in Individual Countries

	1950	1965	1970	1978
All apartments, thousands				
USSR.	1073	2227	2266	2080
Bulgaria.	--	45	46	67
Hungary	35	55	80	88
German Democratic Republic.	31	58	66	112*
Poland.	60	171	194	290
Romania	50**	192	159	166
Czechoslovakia.	38	78	112	128
Yugoslavia.	35***	122	129	146
Australia	63	115	143	122
Austria	46	50	45	37
Belgium	45	46	46	78
Great Britain	215	398	368	312
Denmark	20	41	51	34
Spain	53	283	308	294
Italy	74	375	377	155
Canada.	89	153	176	186
Netherlands	55	116	118	139
Norway.	22	30	37	40
United States	2080	1510	1452	1660
Federal Republic of Germany	360	575	458	418
Finland	26	37	50	57
France.	71	412	470	440
Switzerland	25	55	66	25
Sweden.	44	97	110	57
Japan	247****	843	1485	1566

* Including modernized apartments--168,000.

** 1951.

*** 1952.

**** 1953.

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	1950	1965	1970	1978
Number of apartments per 10,000 people				
USSR.	60	97	93	80
Bulgaria.	--	55	54	75
Hungary	38	54	78	82
German Democratic Republic.	17	34	39	67*
Poland.	24	54	59	83
Romania	30	101	79	76
Czechoslovakia.	31	55	78	85
Yugoslavia.	21	63	63	66
Australia	77	101	115	85
Austria	67	68	61	50
Belgium	52	49	48	79
Great Britain	42	73	66	56
Denmark	48	84	102	66
Spain	19	88	91	80
Italy	16	72	70	27
Canada.	65	78	83	79
Netherlands	54	94	91	100
Norway.	69	80	94	98
United States	137	78	71	76
Federal Republic of Germany	77	101	78	70
Finland	65	81	108	120
France.	17	84	93	83
Switzerland	63	93	105	40
Sweden.	64	125	137	68
Japan	28	85	142	138

* Including modernized apartments--100.

Indices of Physical Volume of Retail Commodity
Turnover in Individual Countries
(in comparable prices)

	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
Total volume of commodity turnover					
USSR.	100	395	586	904	154
Bulgaria.	100	452	684	12-fold	168
Hungary	100	253	389	588	151
German Democratic Republic. . .	100	296	371	535	144
Poland.	100	285	385	718	186
Romania	100	479	726	14-fold	192
Czechoslovakia.	100	232	339	487	144
United States	100	159	175	229	131

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	1950 = 100				1978 as a percentage of 1970
	1950	1965	1970	1978	
Per capita commodity turnover					
USSR.	100	308	435	623	144
Bulgaria.	100	400	584	943	161
Hungary	100	233	351	514	146
German Democratic Republic. . .	100	320	400	588	147
Poland.	100	225	292	506	173
Romania	100	411	584	10-fold	177
Czechoslovakia.	100	203	293	398	136
United States	100	124	130	159	122

Number of Students in Individual Countries			
	School year	Thousands	Number of students per 10,000 people
USSR.	1978/79	5110	195
Bulgaria.	1978/79	95	108
Hungary	1978/79	106	99
Vietnam	1977/78	135	27
German Democratic Republic.	1978/79	128	76
Cuba.	1979/79	135	139
Mongolian People's Republic	1978/79	20	125
Poland.	1978/79	482	138
Romania	1978/79	191	87
Czechoslovakia.	1978/79	184	121
Democratic People's Republic of Korea . .	1964/65	185	155
Yugoslavia.	1978/79	449	203
Great Britain	1975/76	532	95
India	1976/77	2294	37
Iran.	1976/77	153	46
Italy	1977/78	738	131
Canada.	1975/76	335	147
United States	1976/77	5812	269
Turkey.	1976/77	282	68
Federal Republic of Germany	1977/78	592	99
France.	1976/77	836	158
Japan	1976/77	1685	149

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Eradication of Unemployment in the USSR

	Number of unemployed registered on labor exchanges, thousands
1 April 1928.	1576
1 October 1928.	1365
1 April 1929.	1741
1 October 1929.	1242
1 April 1930.	1081
1 October 1930.	240

In a historically short period, by the end of 1930, in the USSR unemployment was completely eradicated for the first time in world history. The full employment of the able-bodied population in the country was ensured.

Increase of Number of Completely Unemployed in Some Developed
Capitalist Countries*
(average for the year; thousands of people)

	1965	1970	1978
Belgium.	55	82	333
Great Britain.	347	612	1475
Spain.	147	146	810
Canada	280	495	922
Netherlands.	27	46	206
United States.	3366	4088	6047
Federal Republic of Germany.	142	144	951
France	142	262	1163
Japan.	390	590	1240

* The number of completely unemployed in the developed capitalist countries is cited from the materials of official statistics, which considerably understates the actual number of unemployed. Moreover, in the capitalist countries there is constantly an army of many millions of semi-unemployed, that is, people who work an incomplete work week. Thus, for example, in January 1979 in the United States there were 5.1 million people who worked 1 to 14 hours a week and 17.3 million people who worked 15 to 34 hours a week.

In 1978 the number of completely unemployed in the developed capitalist countries exceeded 16 million and had more than doubled as against 1965.

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Number of Physicians of All Specializations in Individual Countries

	Years	Thousands	Number of physicians per 10,000 people
USSR.	1978	929	35.4
Bulgaria.	1978	24.9	28.3
Hungary	1978	29.2	27.3
German Democratic Republic.	1978	41.3	24.6
Cuba.	1978	17.7	18.3
Mongolian People's Republic	1978	3.4	21
Poland.	1978	81.5	23.3
Romania	1978	36.8	16.9
Czechoslovakia.	1978	45.9	30.2
Yugoslavia.	1977	28.5	13.1
Great Britain	1974	91.7	16.4
India	1975	155.1	2.6
Iran.	1974	14.3	4.6
Italy	1973	109.2	19.8
United States	1975	468.6	21.9
Turkey.	1975	26.8	6.6
Federal Republic of Germany	1977	146.0	24.5
France.	1970	89.1	17.5
Japan	1976	174.6	15.5

At present there are more 2.7 million physicians in the world, including 929,000 in the USSR, or more than one-third of all the physicians of the world.

Birth Rate in Individual Countries
(number of births per 1,000 people)

	1913*	1940**	1950***	1965	1970	1978****
USSR.	45.5	31.2	26.7	18.4	17.4	18.2
Bulgaria.	40.2	22.2	25.2	15.3	16.3	16.1
Hungary	33.8	20.0	20.9	13.1	14.7	15.7
German Democratic Republic.	--	18.0	16.5	16.5	13.9	13.9

* For Bulgaria--1915, for Poland--1911. For the United States--1915, for the other capitalist countries--1911-1913.

** For the GDR, Poland and the FRG--1938, for Cuba--1943, for Yugoslavia--1939.

*** For Cuba--1952, for the Mongolian People's Republic--1955.

**** For all countries, except the USSR, Hungary, the GDR, Poland and Yugoslavia, the data are cited for 1977.

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	1913	1940	1950	1965	1970	1978
Cuba.	--	31.0	28.3	34.3	27.7	17.6
Mongolian People's Republic . .	--	26.1	32.3	38.0	40.2	37.0
Poland.	37.8	24.6	30.7	17.4	16.6	19.0
Romania	42.1	26.0	26.2	14.6	21.1	19.6
Czechoslovakia.	28.4	20.6	23.3	16.4	15.9	18.7
Yugoslavia.	--	25.9	30.2	21.0	17.8	17.5
Australia	28.0	17.9	23.3	19.7	20.6	16.1
Austria	24.9	21.8	15.6	17.9	15.2	11.3
Belgium	22.7	13.6	16.9	16.4	14.7	12.4
Great Britain	24.3	14.6	16.3	18.3	16.3	11.8
Denmark	26.3	18.3	18.6	18.0	14.4	12.2
Italy	31.7	23.5	19.6	19.2	16.8	13.2
Netherlands	28.1	20.8	22.7	19.9	18.3	12.5
Norway.	25.4	16.1	19.1	17.8	16.6	12.5
United States	25.0	17.9	23.5	19.4	18.3	15.3
Federal Republic of Germany . .	--	19.5	16.5	17.9	13.4	9.5
Finland	30.1	17.8	24.5	16.9	14.0	13.9
France.	18.1	13.8	20.7	17.8	16.8	14.0
Switzerland	23.8	15.2	18.1	18.8	15.8	11.5
Sweden.	23.6	15.1	16.4	15.9	13.7	11.6
Japan	34.1	29.4	28.2	18.7	18.9	15.4

Death Rate in Individual Countries
(number of deaths per 1,000 people)

	1913*	1940**	1950***	1965	1970	1978****
USSR.	29.1	18.0	9.7	7.3	8.2	9.7
Bulgaria.	19.9	13.4	10.2	8.1	9.1	10.7
Hungary	22.3	14.3	11.4	10.7	11.6	13.1
German Democratic Republic. . .	--	11.9	11.9	13.5	14.1	13.9
Cuba.	--	10.6	7.2	6.4	6.3	5.8
Mongolian People's Republic . .	--	21.8	14.2	12.0	12.3	10.1
Poland.	21.7	13.9	11.6	7.4	8.1	9.3

* For Bulgaria--1915, for Poland--1911. For the United States--1915, for the other capitalist countries--1911-1913.

** For the GDR, Poland and the FRG--1938, for Cuba--1943, for Yugoslavia--1939.

*** For Cuba--1952, for the Mongolian People's Republic--1939.

**** For all countries, except for the USSR, Hungary, the GDR, Poland and Yugoslavia, the data are cited for 1977.

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	1913	1940	1950	1965	1970	1978
Romania.	26.1	18.9	12.4	8.6	9.5	9.6
Czechoslovakia	19.1	14.0	11.5	10.0	11.6	11.5
Yugoslavia	--	14.9	13.0	8.8	8.9	8.6
Australia.	10.9	9.8	9.6	8.8	9.0	7.7
Austria.	18.8	14.8	12.4	13.0	13.4	12.2
Belgium.	15.3	16.2	12.5	12.2	12.3	11.4
Great Britain.	14.2	14.4	11.8	11.5	11.8	11.7
Denmark.	13.0	10.4	9.2	10.1	9.8	9.9
Italy.	19.3	13.6	9.8	10.0	9.7	9.6
Netherlands.	13.1	9.9	7.5	8.0	8.4	7.9
Norway	13.3	10.9	9.1	9.5	10.0	9.7
United States.	13.2	10.8	9.6	9.4	9.4	8.8
Federal Republic of Germany. .	--	11.4	10.5	11.2	12.1	11.5
Finland.	17.3	19.4	10.1	9.6	9.6	9.4
France	19.0	18.9	12.8	11.2	10.7	10.1
Switzerland.	14.8	12.0	10.1	9.3	9.1	8.7
Sweden	13.9	11.4	10.0	10.1	9.9	10.7
Japan.	20.2	16.4	10.9	7.2	6.9	6.1

Natural Population Growth in Individual Countries
(natural growth per 1,000 people)

	1913*	1940**	1950***	1965	1970	1978****
USSR.	16.4	13.2	17.0	11.1	9.2	8.5
Bulgaria.	20.3	8.8	15.0	7.2	7.2	5.4
Hungary	11.5	5.7	9.5	2.4	3.1	2.6
German Democratic Republic. . .	--	6.1	4.6	3.0	-0.2	0
Cuba.	--	20.4	21.1	27.9	21.4	11.8
Mongolian People's Republic . .	--	4.3	18.1	26.0	27.9	26.9
Poland.	16.1	10.7	19.1	10.0	8.5	9.7
Romania	16.0	7.1	13.8	6.0	11.6	10.0
Czechoslovakia.	9.3	6.6	11.8	6.4	4.3	7.2
Yugoslavia.	--	11.0	17.2	12.2	8.9	8.9
Australia	17.1	8.1	13.7	10.9	11.6	8.4
Austria	6.1	7.0	3.2	4.9	1.8	-0.9

* For Bulgaria--1915, for Poland--1911. For the United States--1915, for the other capitalist countries--1911-1913.

** For the GDR, Poland and the FRG--1938, for Cuba--1943, for Yugoslavia--1939.

*** For Cuba--1952, for the Mongolian People's Republic--1955.

**** For all countries, except the USSR, Hungary, the GDR, Poland and Yugoslavia, the data are cited for 1977.

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	1913	1940	1950	1965	1970	1978
Belgium.	7.4	-2.6	4.4	4.2	2.4	1.0
Great Britain.	10.1	0.2	4.5	6.8	4.5	0.1
Denmark.	13.3	7.9	9.4	7.9	4.6	2.3
Italy.	12.4	9.9	9.8	9.2	7.1	3.6
Netherlands.	15.0	10.9	15.2	11.9	9.9	4.6
Norway	12.1	5.2	10.0	8.3	6.6	2.8
United States.	11.8	7.1	13.9	10.0	8.9	6.5
Federal Republic of Germany. . .	--	8.1	6.0	6.7	1.3	-2.0
Finland.	12.8	-1.6	14.4	7.3	4.4	4.5
France	-0.9	-5.1	7.9	6.6	6.1	3.9
Switzerland.	9.0	3.2	8.0	9.5	6.7	2.8
Sweden	9.7	3.7	6.4	5.8	3.8	0.9
Japan.	13.9	13.0	17.3	11.5	12.0	9.3

Average Life Expectancy in Individual Countries
(in years)

	Years	Entire population	Men	Women
Prerevolutionary Russia.	1896-1897*	32	31	33
USSR	1926-1927**	44	42	47
	1938-1939	47	44	50
	1971-1972	70	64	74
Bulgaria	1935-1939	52	51	53
	1974-1976	71	69	74
Hungary.	1930	50	48	51
	1974	70	67	72
German Democratic Republic	1955-1958	69	66	71
	1976	72	69	74
Cuba	1970	70	68	72
Mongolian People's Republic.	1964-1965	65	64	66
Poland	1931-1932	50	48	51
	1977	72	69	75
Romania.	1932	42	--	--
	1975-1977	70	68	72
Czechoslovakia	1937	57	55	59
	1977	70	67	74
Yugoslavia	1974-1975	70	67	72
Austria.	1976	71	68	75
Argentina.	1970-1975	68	65	71
Belgium.	1968-1972	71	68	74

* For 50 gubernias of European Russia.

** For the European part of the USSR.

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	Years	Entire population	Men	Women
Brazil.	1965-1970	61	59	64
Great Britain*.	1901-1910	50	49	52
	1974-1976	73	69	76
Venezuela	1970-1975	65	63	67
Denmark	1975-1976	74	71	77
Egypt	1966	50	48	52
India	1968	52	--	--
Italy	1970-1972	72	69	75
Canada.	1970-1972	72	69	76
Mexico.	1975	65	63	67
Netherlands	1971-1975	74	71	77
New Zealand	1970-1972	72	69	75
Europeans	1970-1972	72	69	75
Maori	1970-1972	63	61	65
Norway.	1975-1976	75	72	78
United States--entire population. . .	1900-1902**	49	48	51
	1975	73	69	77
white population.	1975	73	69	77
remaining population.	1975	68	64	72
Federal Republic of Germany	1974-1976	72	68	75
Finland	1975	71	67	76
France.	1898-1903	47	45	49
	1974	73	69	77
Switzerland	1968-1973	73	70	76
Sweden.	1972-1976	75	72	78
Japan	1976	75	72	77

* Excluding Scotland and Northern Ireland.

** For 10 states where the death rate in 1900 was registered.

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SCIENCE AND TECHNICAL PROGRESS

Number of Scientists
(at end of the year; thousands)

	1950	1965	1970	1975	1976	1977	1978
All scientists (including scientific teaching personnel of VUZ's).	162.5	664.6	927.7	1223.4	1253.5	1279.6	1314.0
including those having an academic degree:							
doctor of sciences.	8.3	14.8	23.6	32.3	34.6	36.0	36.6
candidate of sciences	45.5	134.4	224.5	326.8	345.4	358.4	371.2
Of the total number of scientists those having an academic title:							
academician, corresponding member, professor	8.9	12.5	18.1	22.9	24.0	25.3	26.1
docent.	21.8	48.6	68.6	87.9	92.5	96.6	101.4
senior research associate	11.4	28.7	39.0	53.3	56.3	59.3	61.4
junior research associate and assistant	19.6	48.9	48.8	45.0	44.3	43.2	42.4

In 1913 there were 11,600 scientists, in 1940 there were 98,300.

At the end of 1978 there were 1,314,000 scientists in the USSR, or one-fourth of all the scientists of the world.

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Women Among Scientists
(at end of the year; thousands)

	1950	1965	1970	1975	1976	1977	1978
All women scientists. . .	59.0	254.8	359.9	488.3	497.9	511.6	522.5
including those having an academic degree:							
doctor of sciences. . .	0.6	1.4	3.1	4.5	4.8	5.1	5.2
candidate of sciences .	11.4	34.8	60.7	94.0	97.4	101.0	104.2
Of the total number of women scientists those having an academic title:							
academician, corre- sponding member, pro- fessor.	0.5	1.1	1.8	2.4	2.5	2.7	2.8
docent.	3.2	9.5	14.4	19.6	21.2	22.4	23.9
senior research associate	3.5	8.3	9.8	12.5	13.1	13.6	14.2
junior research associ- ate and assistant . . .	9.4	25.0	24.3	22.3	21.6	21.2	20.3

Number of Scientists by Union Republics
(at end of the year; thousands)

	1940	1965	1970	1975	1976	1977	All scientists	1978	
								those having academic degree	
								doctor of sciences	candidate of sciences
USSR.	98.3	664.6	927.7	1223.4	1253.5	1279.6	1314.0	36.6	371.2
RSFSR	62.0	457.5	631.1	838.5	863.4	878.3	901.5	25.1	241.4
Ukrainian SSR . .	19.3	94.0	129.7	171.5	173.7	179.5	185.1	4.7	54.1
Belorussian SSR .	2.2	14.7	21.9	31.0	33.2	34.5	35.1	0.7	9.8
Uzbek SSR	3.0	16.3	25.2	30.9	31.3	32.3	33.6	0.9	12.0
Kazakh SSR. . . .	1.7	18.2	26.8	32.0	33.0	33.6	34.7	0.7	10.8
Georgian SSR. . .	3.5	14.2	20.2	25.0	24.3	24.9	25.5	1.3	8.6
Azerbaijan SSR. .	1.9	12.4	17.1	21.3	21.4	21.7	21.4	0.9	7.9
Lithuanian SSR. .	0.6	6.4	9.0	12.5	12.7	13.2	13.5	0.3	4.8
Moldavian SSR . .	0.2	3.8	5.7	7.3	7.3	7.6	8.1	0.2	3.3
Latvian SSR . . .	1.1	6.0	8.9	12.0	11.3	11.7	12.1	0.3	4.0
Kirgiz SSR. . . .	0.3	3.7	5.9	7.1	7.3	7.7	7.6	0.2	2.4
Tadzhik SSR . . .	0.4	3.5	5.1	6.6	6.8	6.9	7.1	0.2	2.4
Armenian SSR. . .	1.1	7.8	12.8	17.1	17.6	17.0	17.7	0.7	5.3
Turkmen SSR . . .	0.5	2.6	3.6	4.6	4.6	4.9	5.0	0.1	1.9
Estonian SSR. . .	0.5	3.5	4.7	6.0	5.6	5.8	6.0	0.3	2.5

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USSR Academy of Sciences, Academies of Sciences of the Union
Republics and Sectorial Academies at the End of 1978

	Number of academi- cians, full and cor- responding members	Number of scientists at scientific insti- tutions belonging to the academy	including those having academic degree	
			doctor of sciences	candidate of sciences
USSR Academy of Sciences.	693	45721	4273	20474
Ukrainian SSR Academy of Sciences	331	12444	971	6001
Belorussian SSR Academy of Sciences . . .	130	5099	196	1466
Uzbek SSR Academy of Sciences	89	3783	213	1569
Kazakh SSR Academy of Sciences.	123	3728	199	1484
Georgian SSR Academy of Sciences.	97	5576	376	1881
Azerbaijan SSR Academy of Sciences. . . .	99	4249	267	1678
Lithuanian SSR Academy of Sciences. . . .	49	1654	63	778
Moldavian SSR Academy of Sciences	47	956	72	556
Latvian SSR Academy of Sciences	57	1774	94	774
Kirgiz SSR Academy of Sciences.	51	1423	72	505
Tadzhik SSR Academy of Sciences	47	1252	54	521
Armenian SSR Academy of Sciences.	97	2978	190	911
Turkmen SSR Academy of Sciences	45	923	38	406
Estonian SSR Academy of Sciences.	46	985	67	535
USSR Academy of Arts.	128	356	16	134
All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin .	228	13419	535	6798
USSR Academy of Medical Sciences.	270	5778	962	3492
USSR Academy of Pedagogical Sciences. . .	136	1693	127	851
RSFSR Academy of Municipal Services . . .	--	437	10	216

Number of Graduate Students and Graduates

	1940	1965	1970	1975	1976	1977	1978
Total graduate students (at end of the year). .	16863	90294	99427	95675	95657	96668	96019
of them those who studied:							
with leave from work	14425	51109	55024	41857	39794	39626	38747
without leave from work.	2438	39185	44403	53818	55863	57042	57272

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
At scientific institutions (excluding VUZ's) . .	3694	36882	42518	39969	39720	39251	38606
of them those who studied:							
with leave from work . .	2919	17765	18725	13052	12188	11688	11144
without leave from work.	775	19117	23793	26917	27532	27563	27462
At higher educational institutions	13169	53412	56909	55706	55937	57417	57413
of them those who studied:							
with leave from work . .	11506	33344	36299	28805	27606	27938	27603
without leave from work.	1663	20068	20610	26901	28331	29479	29810
Total graduated during the year	1978	19240	25870	26021	23646	23544	24226
by scientific institutions (excluding VUZ's).	506	7395	10757	10374	9701	9479	9492
among those who studied:							
with leave from work . .	454	4701	5842	4880	4327	3797	3699
without leave from work.	52	2694	4915	5494	5374	5682	5793
by higher educational institutions	1472	11845	15110	15647	13945	14065	14734
among those who studied:							
with leave from work . .	1411	8764	10620	10707	9345	8467	8718
without leave from work.	61	3081	4493	4940	4600	5598	6016

Number of Graduate Students by Union Republics at the End of 1978

	Total graduate students	among them those who studied at scientific institutions (excluding VUZ's)	at higher educational institutions
USSR.	96019	38606	57413
RSFSR	65979	26085	39894
Ukrainian SSR	13008	4344	8664
Belorussian SSR	3221	1292	1929
Uzbek SSR	3239	1613	1626
Kazakh SSR.	2409	1057	1352
Georgian SSR.	1306	652	654
Azerbaijan SSR.	1563	975	588
Lithuanian SSR.	920	394	526
Moldavian SSR	624	336	288

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	Total graduate students	among them those who studied at scientific institutions (excluding VUZ's)	at higher educational institutions
Latvian SSR.	769	288	481
Kirgiz SSR.	617	402	251
Tadzhik SSR.	570	261	309
Armenian SSR.	872	425	447
Turkmen SSR.	459	288	171
Estonian SSR.	463	194	269

Development of Inventions and Rationalization in National Economy

	1940	1965	1970	1975	1976	1977	1978
Number of authors who submitted proposals, thousands.	--	2935	3659	4336	4444	4466	4549
Number of received proposals, thousands.	591	4076	4591	5113	5187	5097	5075
Number of inventions and rationalization proposals used in production, thousands.	202	2841	3414	3977	4030	3988	4014
Expenditures for development of inventions and rationalization, millions of rubles.	--	147	229	319	331	332	352
Amount of saving from use of inventions and rationalization proposals per year, millions of rubles.	90	1908	3004	4805	4910	5296	5878

Expenditures on Adoption of Measures on New Technology in Industry and Their Economic Effectiveness

	1970	1975	1976	1977	1978
Number of adopted measures on new technology, thousands.	423	621	633	670	675
Actual expenditures on adoption of measures (including expenditures of past years), millions of rubles.	5011	7518	7985	8168	8660
Number of relatively released workers, thousands.	399	576	542	543	558
Additional profit from adoption of measures per year, millions of rubles.	1971	2828	2762	2967	2959
Annual economic impact from adoption of new technology, millions of rubles.	2607	3832	3980	4193	4340

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The adoption of new technology and the implementation of measures on the scientific organization of labor in 1971-1978 provided 60 percent of the total increase of labor productivity in industry.

The implementation of measures on the scientific organization of labor in 1978 made it possible to provide a saving of the labor of nearly 400,000 people.

Number of Developed Models of New Types of Machines, Equipment,
Apparatus and Instruments

	1951- 1955	1956- 1960	1961- 1965	1966-1970 Total	Aver- age a year	1971-1975 Total	Aver- age a year	1976-1978 Total	Aver- age a year
Total.	4345	12902	23178	21272	4254	20006	4001	11137	3712
Machines, equipment and apparatus. . .	3959	10576	16626	15560	3112	15190	3038	8359	2786
of them by types of equipment:									
power equipment.	124	320	376	238	48	322	63	150	50
electrical equip- ment	206	900	2530	2613	523	2645	529	1325	442
oxyacetylene and welding equipment	94	249	291	463	93	305	61	177	59
machine tools. .	866	1258	1306	1537	307	1872	374	1061	354
forge and press equipment. . . .	258	512	570	428	86	536	107	328	109
foundry equip- ment	36	114	224	230	46	203	41	111	37
metallurgical and mining equipment	125	541	677	568	114	573	115	260	87
fuel industry equipment. . .	217	574	689	388	78	238	48	182	61
transport and materials-handling equipment. . .	282	678	1101	714	143	674	135	415	138
motor vehicles, tractors and automotive equipment. . .	61	260	459	194	39	232	46	85	28
agricultural machinery. . .	322	616	955	442	88	510	102	241	80

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	1951-1955	1956-1960	1961-1965	1966-1970		1971-1975		1976-1978	
				Total	Aver- age a year	Total	Aver- age a year	Total	Aver- age a year
chemical, pump and compressor equipment. . . .	223	1104	1932	1653	331	1450	290	725	242
construction and road machinery .	225	763	871	445	89	318	64	221	74
equipment for construction materials in- dustry				237	47	192	38	115	38
woodworking and paper-making equipment. . . .	119	268	267	254	51	294	59	147	49
equipment for light industry .	421	744	740	702	140	577	115	294	98
equipment for food industry. .	214	665	908	656	131	624	125	311	104
printing equip- ment	69	119	73	86	17	69	14	75	25
Instruments, auto- mation equipment and computer hard- ware	386	2326	6552	5712	1142	4816	963	2778	926

Of the total number of developed models in 1966-1970 they put into production and began the series output of 6,800 descriptions of new types of machines, equipment, apparatus and instruments, in 1971-1975--13,000 description, in 1976-1978--8,100 descriptions. In all industry put into production and began the series output respectively of 8,400, 16,500 and 10,300 descriptions of new types of industrial products.

Modernization of Production Equipment at Enterprises of Individual
Sectors of Industry
(thousands of units)

	1966-1970		1971-1975		1976-1978	
	Total	Aver- age a year	Total	Aver- age a year	Total	Aver- age a year
Modernization of production equip- ment, total.	675	135	732	146	477	159
including in the sectors:						
ferrous metallurgy	12.0	2.4	11.8	2.4	8.9	3.0

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	1966-1970		1971-1975		1976-1978	
	Aver-		Aver-		Aver-	
	Total	age a	Total	age a	Total	age a
	year	year	year	year	year	year
chemical and petrochemical industry	18.8	3.8	34.5	6.9	20.6	6.9
machine building and metalworking.	165	33	166	33	108	36
construction materials industry. .	9.7	1.9	18.0	3.6	13.8	4.6
light industry	369	74	372	74	240	80
food industry.	21.1	4.2	36.3	7.3	24.2	8.1

Number of Discontinued Descriptions of Obsolete Designs of Machines,
Equipment, Apparatus, Instruments and Items

1965	1970	1975	1976	1977	1978
345	804	1746	1833	1839	1840

Number of Descriptions of Items Which Were Awarded the State
Seal of Quality in the Corresponding Years
(thousands)

1970	1975	1976	1977	1978
1.7	12.0	20.9	29.1	38.7

At the beginning of 1979 62,400 descriptions of items had the State Seal of Quality.

Development of Automated Control Systems

	Total for 1966-1978	including		
		1966- 1970	1971- 1975	1976- 1978
Number of automated control systems (ASU's).	3885	414	2309	1162
ASU's of enterprises	1207	151	838	218
ASU's of technological processes of production	1329	170	564	595
ASU's of territorial organizations	922	61	631	230
ASU's of ministries and departments. . . .	239	19	168	52
ASOI's (automated data processing systems)	188	13	108	67

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Presence of Installed Mechanized Flow and Automatic Lines at
Enterprises of Individual Sectors of Industry
(on 1 July)

	Mechanized flow lines				Automatic lines			
	1965	1971	1975	1977	1965	1971	1975	1977
All industry.	42947	89481	114108	125821	5981	10917	17072	20552
Ferrous metallurgy. .	1258	1798	2281	2603	211	595	1067	1206
Chemical and petro- chemical industry. . .	1053	2847	4032	4452	158	346	519	727
Machine building and metalworking.	9862	22589	31690	36251	2965	5125	8116	10465
Timber, wood process- ing, pulp and paper industry.	2655	6228	8550	9349	235	612	1196	1377
Construction mate- rials industry.	3822	10829	13042	14441	154	408	782	887
Glass and porcelain industry.	702	1430	2205	2244	205	427	586	705
Light industry.	7224	12355	13578	14265	152	457	853	978
Food industry.	14528	27595	33935	36583	1768	2656	3146	3106
Other sectors of industry.	1843	3810	4795	5633	133	291	807	1101

At the end of 1978 the number of mechanized flow and automatic lines was more than 155,000. Equipment with program control made up about 55,000 units.

Number of Completely Mechanized and Automated Sections, Shops,
Works, Enterprises in Individual Sectors of Industry
(on 1 July)

	Sections, shops, works				Enterprises			
	1965	1971	1975	1977	1965	1971	1975	1977
All industry.	22386	44248	66229	74352	1906	4984	5383	5942
Electric power.	2294	3640	3943	4307	220	502	415	424
Fuel industry.	2231	3201	4583	4934	227	503	426	514
Ferrous metallurgy. . . .	863	1305	1694	1833	34	60	60	54
Chemical and petrochemi- cal industry.	1175	2755	3945	4332	42	130	146	153
Machine building and metalworking.	3241	7813	13246	15704	53	131	151	162
Timber, wood processing, pulp and paper industry .	1636	3484	4951	5335	92	196	201	188
Construction materials industry.	3260	5750	7508	8182	411	865	872	921
Glass and porcelain industry.	144	322	512	606	6	45	51	51
Light industry.	1570	3035	5959	6972	58	130	296	364
Food industry.	3749	8642	13760	15492	405	1840	2056	2346
Other sectors of industry	2223	4301	6128	6655	358	582	709	765

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At the end of 1978 the number of completely mechanized and automated sections, shops and works was about 80,000.

Growth Rate of Power-Worker and Electric Power-Worker Ratio in Industry
(1940 = 1)

	1940	1965	1970	1975	1976	1977	1978
Power-worker ratio.	1	3.8	5.0	6.3	6.5	6.7	6.9
Electric power-worker ratio . .	1	4.1	5.2	6.6	6.8	6.9	7.1

Introduction of New Equipment at General-Purpose Electric Power Stations
(at end of the year)

	1940	1950	1965	1970	1975	1976	1977	1978
Capacity of power plants with a steam pressure of 130 atmospheres and more at thermal electric power stations:								
millions of kW.	--	--	21.6	50.1	108.9	115.7	122.0	126.9
percent of total capacity of thermal electric power stations.	--	--	23	37	73	75	76	77
Capacity of power plants operating at critical steam parameters:								
millions of kW.	--	--	3.6	22.0	45.8	49.3	52.1	53.5
percent of total capacity of thermal electric power stations.	--	--	5	19	31	32	32	32
Number of dispatch centers of power systems, which are equipped with remote control equipment.	--	1	58	79	85	87	87	86
Capacity of power systems controlled from dispatch centers equipped with remote control equipment, percent of total capacity of power systems	--	3	90	95	97	97	98	98
Number of electric power stations equipped with remote control equipment.	--	1	682	837	1106	1130	1145	1304

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Unit Maximum Capacity of Turbines Put Into Operation (thousands of kW)				
	Years of pre-war five-year plans	Seventh Five-Year Plan	Eighth and Ninth Five-Year Plans	Three years of 10th Five-Year Plan
Steam turbines. . .	100	300	800	800
Hydraulic turbines.	62	225	500	640

Introduction of Advanced Technological Processes in the Oil Drilling and Gas Industry

	1950	1965	1970	1975	1976	1977	1978
Working of petroleum deposits using methods of maintaining formational pressure by injection into the bed, millions of m ³ :							
of water.	8.9	329	559	985	1092	1182	1288
of gas, air	--	932	341	474	475	385	487
Extraction of petroleum from bed worked using methods of maintaining formational pressure, percent of the total production of petroleum . . --		70	74	84	86	86	87
Drilling of wells for petroleum and gas with bits of reduced and small diameter, thousands of m.	--	5325	6019	8576	9030	9570	10723
production drilling	--	3098	4138	6421	6882	7484	8496
exploratory drilling.	--	2227	1881	2155	2148	2086	2227

The unit maximum capacity of the installations put into operation for the primary refining of petroleum was (thousands of tons a year): during the years of the prewar five-year plans--1,000, during the Seventh Five-Year Plan--3,000, during the Eighth, Ninth and 10th Five-Year Plans--6,000.

Mechanization of Operations at Coal Mines

	1940	1950	1965	1970	1975	1976	1977	1978
Narrow enclosure extraction of coal at breakage faces of seams with a slope of up to 35°:								
millions of tons.	--	--	60	205	316	332	338	335
percent of total extraction of coal from operating breakage faces with a slope of up to 35°.	--	--	19	60	85	87	88	89

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	1940	1950	1965	1970	1975	1976	1977	1978
including with the use of movable hydraulic supports:								
millions of tons	--	--	27	102	223	244	256	264
percent of total extraction of coal from operating breakage faces at seams with a slope of up to 35°	--	--	9	30	59	64	67	70
Loading of coal at breakage faces at seams of a gentle and oblique slope as a percentage of the total extraction of coal, which requires loading. .	0.1	15.7	68	85	94	95	95	96

There have been completely accomplished in the coal industry the mechanization of the extraction of coal at the breakage faces (1971), the recovery of the coal at the breakage faces (1967), the hauling of coal and rock (according to the freight turnover--1962), the loading of coal and rock into railroad cars (1964).

Introduction of Advanced Technological Methods at Enterprises of Ferrous Metallurgy

	1950	1965	1970	1975	1976	1977	1978
Proportion of blast furnaces operating with increased gas pressure under the shaft (at end of the year; percent):							
by number of blast furnaces. .	3.3	79.1	81.2	85.4	84.7	84.7	86.2
by volume of blast furnaces. .	6.4	91.0	93.9	95.7	95.6	95.9	96.5
Smelting of pig iron using natural gas:							
millions of tons	--	52.5	73.8	86.0	88.6	90.5	93.4
percent of total smelting of pig iron	--	79.2	85.9	83.5	84.1	84.3	84.3
Proportion of blast furnaces operating with the use of natural gas (by number of blast furnaces; at end of the year; percent)	--	66.7	77.4	81.0	81.8	81.0	82.6
Smelting of steel using oxygen:							
millions of tons	--	43.8	71.4	98.4	101.8	104.1	108.5
percent of total smelting of steel.	--	53.6	67.3	75.7	76.4	77.2	77.7

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	1950	1965	1970	1975	1976	1977	1978
Smelting of open hearth steel using oxygen:							
millions of tons.	0.2	36.9	47.8	58.7	59.1	59.5	60.7
percent of total smelting of open hearth steel	0.9	51.4	59.8	67.1	67.5	68.1	68.5
Smelting of converter steel using oxygen:							
millions of tons.	--	4.0	19.9	34.8	37.7	39.4	42.4
percent of total smelting of converter steel	--	70.8	95.2	97.5	97.7	97.8	97.9
Proportion of open hearth furnaces operating with an oxygen-enriched blast (by number of open hearth furnaces; at end of the year; percent) . . .	1.5	37.7	42.9	45.4	45.9	46.5	46.5

By 1970 the mechanization of the removal of ore and rock in the drilling of underground mining drifts at enterprises for the mining of ferrous metal ores was practically completed.

The unit maximum capacity of the units put into operation for blast furnaces was (m³ of effective capacity): during the years of the prewar five-year plans--1,300, during the Seventh Five-Year Plan--2,300, during the Eighth Five-Year Plan--2,700, during the Ninth and 10th Five-Year Plans--5,000; for converters (tons of capacity): during the Seventh Five-Year Plan--100, during the Eighth Five-Year Plan--250, during the Ninth and 10th Five-Year Plans--350.

Mechanization of Operations in Logging
(amount of mechanized operations as a percentage
of total amount of performed operations)

	1970	1975	1976	1977	1978
Grading of timber.	61.9	72.3	74.5	76.3	76.1
Stacking of timber	60.5	76.6	72.3	68.8	82.5

By 1966 the mechanization of the operations on the felling of trees, the hauling of timber to the upper yards and the shipping of timber was practically completed.

On 1 January 1979 at logging enterprises there were: 34,000 logging trucks, 70,100 tractors of various makes and 2,400 narrow-gauge diesel locomotives.

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Power Capacities of Agriculture
(at end of the year; millions of hp)

	1916	1940	1965	1970	1975	1976	1977	1978
All power capacities. . . .	23.9	47.5	231.7	322.1	457.3	489.8	520.1	552.4
Capacity of mechanical engines, electric motors and electric power plants	0.2	36.9	228.0	318.9	454.7	487.4	517.8	550.0
of them:								
tractor engines	--	17.6	84.9	121.8	169.7	181.8	191.3	200.8
combine engines	--	5.8	35.6	46.1	59.1	62.6	65.4	69.2
truck engines	--	11.9	81.9	103.5	131.6	138.0	145.7	154.4
electric motors and elec- tric power plants	--	0.6	19.2	40.7	85.5	95.1	104.4	113.7
Draft animals (in terms of mechanical force)	23.7	10.6	3.7	3.2	2.6	2.4	2.3	2.4

Power-Worker Ratio and Provision of Agriculture With Power Capacities

	At peas- ant farms, 1913-1917	At kolkhozes, interfarm agricultural enterprises and sovkhoses						
		1940*	1965	1970	1975	1976	1977	1978
All power capac- ities, hp:								
per worker. . . .	0.5	1.5	7.7	11.2	16.8	18.1	20.0	21.3
per 100 hectares of sown area. . .	20	32	100	148	190	205	222	236

* The data are cited with the inclusion of machine and tractor stations.

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Power Capacities of Agriculture by Union Republics in 1978
(thousands of hp)

	All power capacities	of them the capacity of mechanical engines, elec- tric motors and electric power plants	including				Of total of all power capacities			
			tractor engines	combine engines	truck engines	at kolkhozes	at interfarm agricul- tural enterprises	at sovkhoses		
USSR.	552387	549948	200765	69194	154409	217238	9565	266728		
RSFSR	296430	295271	106562	42418	78414	107471	3062	153578		
Ukrainian SSR	97985	97484	31130	9413	30651	57664	1775	26050		
Belorussian SSR	21838	21635	7150	2724	6798	11209	167	8166		
Uzbek SSR	19510	19487	11561	764	4381	8128	163	9642		
Kazakh SSR.	56750	56481	22897	10277	14165	6677	6	47363		
Georgian SSR.	4374	4346	1553	158	1879	1255	203	1805		
Azerbaijan SSR.	5649	5642	2368	390	2397	2065	99	2433		
Lithuanian SSR.	11165	11114	3061	954	3058	6719	85	3380		
Moldavian SSR	9745	9684	3080	414	2853	2394	3585	2970		
Latvian SSR	7436	7414	2202	616	2422	3498	10	2968		
Kirgiz SSR.	5359	5286	1875	390	1855	2158	204	2414		
Tadzhik SSR	4172	4161	1952	121	1640	1947	87	1554		
Armenian SSR.	2345	2342	906	124	947	671	35	1357		
Turkmen SSR	4640	4620	3036	83	1229	3495	78	745		
Estonian SSR.	4989	4981	1432	348	1720	1887	6	2303		

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Power-Worker Ratio and Provision of Power Capacities to Kolkhozes,
Interfarm Agricultural Enterprises and Sovkhozes by Union Republics
in 1978
(horsepower)

	At kolkhozes, in- terfarm agricul- tural enterprises and sovkhozes	At kolkhozes and interfarm agri- cultural enter- prises	At sovkhozes
Power capacities per worker			
USSR.	21.3	16.9	27.4
RSFSR	27.3	23.3	31.1
Ukrainian SSR . .	15.3	13.7	21.2
Belorussian SSR .	16.0	14.1	19.6
Uzbek SSR	11.1	8.2	16.2
Kazakh SSR. . . .	40.4	25.8	43.9
Georgian SSR. . .	5.4	4.5	6.6
Azerbaijan SSR. .	8.6	7.8	9.5
Lithuanian SSR. .	30.0	29.6	31.0
Moldavian SSR . .	12.1	12.2	11.9
Latvian SSR . . .	31.8	30.9	32.9
Kirgiz SSR. . . .	13.8	13.3	14.4
Tadzhik SSR . . .	9.7	8.4	12.4
Armenian SSR. . .	9.8	8.6	10.6
Turkmen SSR . . .	12.9	12.2	18.2
Estonian SSR. . .	43.3	44.0	42.8
Power capacities per 100 hectares of sown area			
USSR.	236	234	237
RSFSR	215	194	234
Ukrainian SSR . .	279	253	364
Belorussian SSR .	341	318	379
Uzbek SSR	489	499	481
Kazakh SSR. . . .	153	155	152
Georgian SSR. . .	523	460	588
Azerbaijan SSR. .	379	281	549
Lithuanian SSR. .	479	463	514
Moldavian SSR . .	526	463	721
Latvian SSR . . .	420	414	427
Kirgiz SSR. . . .	401	376	428
Tadzhik SSR . . .	474	450	509
Armenian SSR. . .	513	442	560
Turkmen SSR . . .	513	486	703
Estonian SSR. . .	464	456	470

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Mechanization of Operations in Plant Growing of Kolkhozes, Interfarm
Agricultural Enterprises and Sovkhoses
(percent of total amount of given type of operations)

						1978		
						including		
						Total	at kolkhozes	at sovkhoses
	1965	1970	1975	1976	1977			
Sowing of oats.	47	62	90	90	92	92	90	94
Planting of oats.			52	55	57	58	46	67
Stacking of hay	49	69	71	75	77	77	73	78
Stacking of straw	50	85	89	90	91	92	91	93
Shocking of hay	--	70	79	82	83	84	72	87
Pulling of flax	56	--	86	87	88	86	85	90
Harvesting of sugar beets with beet-harvesting combines.	67	78	86	79	89	86	86	83
Digging of potatoes . . . including harvesting of potatoes with combines.	54	79	92	93	93	91	91	92
Harvesting of cotton. . .	22	32	43	49	53	55	51	65
Loading of sugar beets. .	56	74	86	87	90	89	90	87
Loading of potatoes . . .	9	24	46	52	55	57	57	56

At present the main field operations (plowing, the sowing of cereals, cotton and sugar beets, the harvesting of cereal and silage crops) are completely mechanized; the mechanization of the planting of potatoes, the interrow cultivation of plantings of sugar beets, corn and cotton, as well as hay cutting, the cleaning of grain, the harvesting of grain corn with combines, the loading of grain when hauling it from the threshing floor, the loading of fertilizers and others is close to completion.

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Mechanization of Operations at Livestock Farms and Complexes of Kolkhozes,
Interfarm Agricultural Enterprises and Sovkhozes
(percent of number of livestock of given type)

						1978			
						including			
	1965	1970	1975	1976	1977	Total	at kolkhozes	at interfarm agricul- tural enterprises	at sovkhozes
Milking of cows.	27	56	83	85	87	88	87	--	90
Supply of water at farms and complexes:									
cattle	53	68	81	84	85	86	88	86	85
hog raising.	65	81	95	95	93	93	93	96	93
poultry raising. . . .	51	77	94	93	94	94	76	86	96
Distribution of fodders at farms and complexes:									
cattle	3	12	29	33	36	39	37	81	40
hog raising.	11	28	60	62	61	62	56	88	65
poultry raising. . . .	15	38	73	75	77	80	52	78	84
Removal of manure from buildings at farms and complexes:									
cattle	9	30	56	61	65	69	70	86	67
hog raising.	12	42	80	82	81	83	82	94	83
poultry raising. . . .	7	38	78	79	80	83	54	77	87
Complete mechanization at farms and complexes:									
cattle	--	9	25	28	33	36	35	75	37
hog raising.	--	23	56	58	58	60	54	85	62
poultry raising. . . .	--	23	59	59	62	67	46	65	70

Electrification of Agriculture

	1940	1965	1970	1975	1976	1977	1978
Total electric power consumed in agriculture (including power ob- tained from state electric power stations), millions of kWh. . .	542	21099	38552	73804	83979	88367	95642
including for production purposes.	--	--	25602	53927	61420	65506	70989

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Capacity of rural electric power stations (at end of the year), thousands of kW.	265	5295	3980	3096	2947	2810	2766
Electric power generated by them, millions of kWh.	303	6033	2656	1043	900	822	777
Electric power-worker ratio at kolkhozes, interfarm agricultural enterprises and sovkhoses, kWh.	...	381	808	1709	1962	2141	2358

At this time nearly all kolkhozes, interfarm agricultural enterprises and sovkhoses have been electrified and receive electric power mainly from state electric power stations.

Main Indicators of the Electrification of Kolkhozes and Sovkhoses

	1965	1970	1975	1976	1977	1978
Kolkhozes						
Consumed electric power--total, millions of kWh.	7613	12701	18803	20587	21240	22878
including for production purposes	4416	8958	17009	18738	19383	20964
Number of electric motors (at end of the year), thousands.	1047	2410	4132	4421	4724	5014
Rating of electric motors, thousands of kW	6096	13259	22774	24581	26399	28223
Number of households of kolkhoz farmers, which used electric power, percent of total number of households of kolkhoz farmers.	74	96	99	99	99	99
Sovkhoses						
Consumed electric power--total, millions of kWh.	6818	12488	23985	28739	31213	33955
including for production purposes	4941	9605	21246	25600	27866	30415
Number of electric motors (at end of the year), thousands.	1026	2350	4705	5482	6005	6462
Rating of electric motors, thousands of kW	5410	11883	23386	27652	30235	32519
Number of apartment houses of workers and employees of sovkhoses, which used electric power, percent of total number of apartment houses of workers and employees of sovkhoses.	83	96	99	99	99	99

At interfarm agricultural enterprises in 1978 the total consumption of electric power was 1,497,000,000 kWh, including 1,464,000,000 kWh for production purposes; the number of electric motors was 279,000 with an overall rating of 1.3 million kW.

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Main Indicators of the Modernization of the Rail Transport
of the Ministry of Railways

	1940	1965	1970	1975	1976	1977	1978
Length of electrified rail lines (at end of the year):							
thousands of km.	1.9	24.9	33.9	38.9	39.7	40.5	41.1
percent of total length of railroads in use	2	19	25	28	29	29	29
Length of lines served by diesel traction (at end of the year):							
thousands of km.	0.3	55.2	76.2	91.6	94.0	96.6	97.3
percent of total length of railroads in use	0.3	42	56	66	68	69	69
Proportion of individual types of traction in the freight turnover of rail transport (by net operating ton- kilometers in commercial traf- fic; percent):							
electric traction.	2.0	39.5	48.7	51.7	52.1	52.8	53.6
diesel traction.	0.2	45.0	47.8	47.9	47.6	47.1	46.3
steam traction	97.8	15.5	3.5	0.4	0.3	0.1	0.1

Mechanization of Loading and Unloading Operations
in Rail and Water Transport
(percent)

	1940	1965	1970	1975	1976	1977	1978
Rail transport							
Level of mechanization of loading and unloading operations:							
on sidings of industrial enter- prises and organizations . . .	45	89	92	95	95	95	95
in freight yards of the rail- roads of the Ministry of Railways	12	79	87	92	93	93	94
Level of complete mechanization of loading and unloading opera- tions in freight yards of the railroads of the Ministry of Railways	--	64	80	90	90	90	91
Maritime transport of the Ministry of the Maritime Fleet							
Level of mechanization of loading and unloading operations	65.5	100	100	100	100	100	100

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Level of complete mechanization of loading and unloading operations.	--	80.5	85.4	91.9	92.8	92.8	93.6
General purpose river transport							
Level of mechanization of loading and unloading operations . .	46.2	99.3	99.6	99.9	99.9	99.9	99.9
Level of complete mechanization of loading and unloading operations.	--	92.2	96.6	98.3	98.5	98.7	98.8

Use of Precast Reinforced Concrete Components and Parts,
Large Wall Panels and Blocks in Construction
(for facilities put into operation)

	Industrial construction--per 1,000 m ² of production area	Housing construction--per 1,000 m ² of living space in brick and stone houses	Civil construction--per 1,000 m ² of useful space
Consumed precast reinforced concrete components and parts, m ³ :			
1965.	312	430	298
1970.	313	466	311
1975.	347	504	344
1976.	362	509	350
1977.	377	528	364
1978.	389	521	372
Consumed large wall panels and blocks, m ³ :			
1965.	43	256	54
1970.	77	305	62
1975.	92	358	90
1976.	103	360	88
1977.	103	380	99
1978.	106	392	107

Construction from large components, units, panels and blocks with complete prefabrication of the bearing and enclosing components in 1978 was 23.5 billion rubles, or 38.7 percent of the total amount of construction and installation work by state and cooperative enterprises and organizations (excluding kolkhozes).

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Use of Construction Components and Parts Produced by the Industrial Method in Construction*

	1965	1970	1975	1976	1977	1978
Precast reinforced concrete and concrete components and parts, millions of m ³	48.0	72.3	94.0	98.8	108.7	110.5
Metal components, millions of tons . .	2.5	3.5	4.5	4.7	4.6	4.9
Wood components and parts, millions of m ³	6.4	8.7	8.7	8.8	9.3	9.1

* The data are cited for enterprises and organizations, the volume of whose work in the total volume of performed construction and installation work of the corresponding year was: in 1965--73 percent, 1970--79 percent, 1975--84 percent, 1976--86 percent, 1977--94 percent, 1978--96 percent.

Increase of the Machine-Worker Ratio in Construction
(1940 = 1)

1940	1965	1970	1975	1976	1977	1978
1	6	10	16	17	19	20

The machine-worker ratio in construction is determined by the average annual value of construction machinery and machines on the average per worker, who is engaged in construction and installation work, for state contracting construction and installation organizations and for organizations, which perform the work using their own resources.

Mechanization of Individual Types of Operations in Construction
(amount of mechanized operations as a percentage of the total amount of operations)

	1965	1970	1975	1976	1977	1978
Excavation and earth moving.	97.7	98.9	99.3	99.4	99.4	99.5
Loading and unloading of stone, sand, gravel, crushed stone and slag	92.8	96.7	98.2	98.4	98.5	98.7
Loading and unloading of lumber, metal, metal, concrete and reinforced concrete components.	94.0	97.1	97.9	98.1	98.3	98.4
Loading and unloading of cement. . . .	64.6	76.8	87.2	88.6	89.4	90.1
Plastering	59.5	67.2	71.1	72.5	74.1	74.7
Painting	67.0	72.3	75.6	76.0	77.3	78.4

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Complete Mechanization of Individual Types of Operations in Construction
 (amount of completely mechanized operations
 as a percentage of the total amount of operations)

	1965	1970	1975	1976	1977	1978
Excavation and earth moving.	94.2	97.2	98.0	97.9	98.1	98.0
Installation of concrete and rein- forced concrete components	94.6	97.7	97.6	97.2	97.2	97.1
Mixing of concrete	79.7	82.2	87.5	87.4	87.6	87.6
Mixing of mortar	62.8	67.0	74.3	73.5	72.8	74.4
Concrete and reinforced concrete work.	82.1	88.4	92.2	92.5	93.0	93.0

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INDUSTRY

Number of Production and Scientific Production Associations,
 Combines and Enterprises Carried on an Independent Balance Sheet
 (Including Enterprises Subordinate to Production and Scientific Production
 Associations) by Individual Sectors in 1978

	Number of enterprises
All industry.	43767
including:	
electric power.	1408
fuel industry	1117
ferrous metallurgy.	322
chemical and petrochemical industry	1027
machine building and metalworking	8675
timber, wood processing and pulp and paper industry	5284
construction materials industry	3875
glass and porcelain industry.	294
light industry.	8012
food industry	8266
milling, groats and mixed fodder industry	1001

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Production and Scientific Production Associations in Industry
(at the end of the year)

Years	Number of production and scientific produc- tion associations	At them production units and independ- ent industrial enterprises		Proportion of production and scientific production associations in total of all industry, percent	
		total	including on an independent balance sheet	by volume of sold production	by number of industrial per- sonnel engaged directly in production
1970*	608	2564	1427	6.7	6.2
1971	879	3655	2124	9.6	10.6
1972	1101	4425	2645	11.5	13.0
1973	1425	5808	3295	14.5	16.5
1974	1715	6721	3930	16.0	19.0
1975	2314	9558	4663	24.4	28.8
1976	3312	15208	6979	40.5	40.9
1977	3670	16516	7113	44.3	45.0
1978	3857	17122	7254	46.3	47.3

* On 1 October.

The development of territorial production complexes--the Western Siberian, Bratsk, Pavlodar-Ekibastuz, Orenburg, Nizhnekamsk and others--is taking place in our country. In three years (1976-1978) they have provided the entire increase of the production of petroleum, almost the entire increase of the production of gas, a considerable share of the increase of electric power generation, the mining of iron ore and coal, the production of trucks and tractors.

Growth Rate of Total Industrial Production Volume in 1940-1978

Years	All industry	including	
		production of means of produc- tion (group A)	production of consumer goods (group B)
1940 = 100			
1940.	100	100	100
1944.	103	135	54
1945.	91	112	59
1946.	76	82	67
1947.	93	100.4	81
1948.	117	129	98
1949.	140	162	106
1950.	172	204	122

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Years	All industry	including	
		production of means of produc- tion (group A)	production of consumer goods (group B)
1955.	318	389	214
1960.	521	665	322
1965.	786	1053	437
1970.	1183	1589	654
1975.	1694	2316	897
1976.	1775	2443	924
1977.	1876	2585	972
1978.	1966	2716	1012
1970 = 100			
1970.	100	100	100
1975.	143	146	137
1976.	150	154	141
1977.	159	163	149
1978.	166	171	155

Total Industrial Production Volume

Years	All	including		
	industry	extractive	of it mining	processing
In actually prevailing wholesale prices of enterprises of corresponding year, billions of rubles				
1965.	229.4	16.4	10.2	213.0
1970.	374.3	33.3	23.0	341.0
1975.	511.2	41.6	28.9	469.6
1976.	527.9	42.4	29.5	485.5
1977.	553.7	43.2	30.3	510.5
1978.	577.7	44.0	30.9	533.7
1970 = 100*				
1970.	100	100	100	100
1975.	143	126	127	145
1976.	150	130	132	152
1977.	159	133	136	161
1978.	166	135	138	169

* See page 544, paragraph 29.

Total Industrial Production Volume by Forms of Subordination
of Enterprises in 1978

	percent
All industry.	100
Industry of union subordination	53
Union republic, republic and local industry subordinate to the councils of ministers of the union republics.	47

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Proportion of Production of Means of Production and Production of
Consumer Goods in Total Industrial Production Volume
(percent)

Years	All industrial production	including	
		production of means of produc- tion (group A)	production of consumer goods (group B)
1913.	100	35.1	64.9
1928.	100	39.5	60.5
1940.	100	61.0	39.0
1945.	100	74.9	25.1
1946.	100	65.9	34.1
1950.	100	68.8	31.2
1955.	100	70.5	29.5
1960.	100	72.5	27.5
1965.	100	74.1	25.9
1970.	100	73.4	26.6
1975.	100	73.7	26.3
1976.	100	74.0	26.0
1977.	100	73.9	26.1
1978.	100	74.0	26.0

The proportions of the production of means of production (group A) and the production of consumer goods (group B) are calculated from the data on the gross production of all subdivisions in the wholesale prices of enterprises with the exception of the amounts of the turnover tax, which passed through the raw materials to the value of the individual types of products of light and the food industry.

Pattern and Growth Rate of Production of Means of Production
(group A)

	Percent of total				1970 = 100			
	1975	1976	1977	1978	1975	1976	1977	1978
Production of means of produc- tion (group A).	100	100	100	100	146	154	163	171
Means of labor.	19.4	19.5	19.6	19.7	161	178	194	207
Objects of labor.	80.6	80.5	80.4	80.3	142	148	155	163
Of total volume of production of means of production that produced:								
for subdivision I of social production.	71.3	71.5	71.6	71.6	146	155	164	174
for subdivision II of so- cial production	28.7	28.5	28.4	28.4	144	150	158	164

The proportions of the means of labor and objects of labor and the means of production for subdivisions I and II of social production are calculated

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from the data on the gross production of these subdivisions in the prevailing wholesale prices of enterprises, the growth rates are calculated from the data in comparable wholesale prices of enterprises.

Pattern of Production of Consumer Goods (Group B)
(from data on gross production in prevailing wholesale prices of enterprises; percent)

	1970	1975	1976	1977	1978
Production of consumer goods (group B) . . .	100	100	100	100	100
Production of light industry.	28.8	27.0	28.0	27.7	27.8
of it:					
fabrics	2.9	3.1	3.2	3.1	3.1
fancy textile and leather goods	1.1	1.1	1.1	1.1	1.2
knitted wear.	3.3	3.6	3.8	3.8	3.8
clothing.	14.7	12.9	13.3	13.2	13.2
leather shoes	3.1	2.6	2.7	2.6	2.7
Production of the food, milling and groats industry.	48.6	46.8	45.6	45.5	44.9
of it:					
granulated and lump sugar	2.3	2.2	2.1	2.5	2.4
flour and groats.	1.7	1.6	1.5	1.5	1.5
bread and baked goods	5.8	4.9	4.9	4.7	4.7
confectionary goods	3.9	3.7	3.7	3.2	3.2
vegetable oil and margarine products.	1.0	0.9	0.9	0.9	0.9
beverages (alcoholic and nonalcoholic).	4.6	4.5	4.6	4.7	4.5
canned goods.	2.8	3.1	2.9	3.0	2.9
tea	0.4	0.5	0.5	0.5	0.5
tobacco and tobacco goods	1.0	1.1	1.1	1.1	1.1
meat, sausage and prepared meats.	10.2	11.0	10.0	10.4	10.5
animal oil.	2.6	2.5	2.5	2.7	2.5
whole milk products	3.9	3.7	3.7	3.6	3.6
fish food products.	2.4	2.0	2.1	1.9	1.8
Production of heavy industry.	22.6	26.2	26.4	26.8	27.3
of it:					
fuel and electric power	3.2	3.3	3.3	3.3	3.3
machines and equipment.	8.3	10.4	10.5	10.8	11.2
chemical products (excluding pharmaceutical chemicals).	2.1	2.2	2.3	2.3	2.3
pharmaceutical chemicals.	0.8	0.8	0.8	0.8	0.8
products of forest exploitation and wood processing (excluding furniture).	0.8	0.8	0.8	0.7	0.7
furniture	2.4	2.7	2.7	2.8	2.9
construction materials, glass and porcelain.	0.7	0.8	0.9	0.9	0.9

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	1970	1975	1976	1977	1978
Of the total production volume of group B-- goods for cultural and personal purposes and household use.	13.3	13.6	14.3	14.5	15.0

Growth Rate of Total Industrial Production Volume
by Individual Sectors in 1913-1978
(1913 = 1)

	1913	1940	1965	1970	1975	1976	1977	1978
All industry.	1	7.7	60.8	91.5	131	137	145	152*
Fuel industry.	1	6.5	31.1	41.1	54.7	56.9	59.2	61.3
Ferrous metallurgy.	1	5.8	40.3	53.3	68.0	71.2	72.5	74.8
Chemical and petrochemical industry.	1	17.5	262	468	772	832	889	939
Machine building and metal- working.	1	29.7	481	840	1449	1590	1733	1882
Light industry.	1	4.7	14.8	22.3	28.0	29.1	30.1	31.3
Food, milling and groats industry.	1	3.8	12.2	16.2	20.8	20.5	21.4	21.9

* Within present USSR boundaries; in 1978 approximately 137-fold more industrial products were produced than in 1913 on the territory of the former Russian Empire.

Growth Rate of Total Industrial Production Volume
by Sectors in 1940-1978
(1940 = 1)

	1940	1965	1970	1975	1976	1977	1978
All industry.	1	7.9	12	17	18	19	20
Electric power.	1	12	18	26	28	29	31
Fuel industry.	1	4.8	6.4	8.5	8.8	9.2	9.5
Ferrous metallurgy.	1	7.0	9.3	12	12	13	13
Chemical and petrochemical industry.	1	15	27	44	47	51	54
Machine building and metal- working.	1	16	28	49	54	58	63
including machine building. .	1	22	38	68	75	82	89
Timber, wood processing and pulp and paper industry.	1	3.7	4.8	6.2	6.4	6.6	6.7
including:							
logging.	1	2.3	2.6	3.1	3.1	3.1	3.0
wood processing.	1	4.5	6.2	8.1	8.3	8.7	8.9
pulp and paper.	1	6.8	10	14	15	16	17
Construction materials industry	1	18	27	38	39	40	41
Glass and porcelain industry. .	1	11	18	29	32	34	36

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	1940	1965	1970	1975	1976	1977	1978
Light industry.	1	3.1	4.7	5.9	6.2	6.4	6.6
including:							
textile	1	3.0	4.2	5.3	5.5	5.6	5.9
of it:							
cotton.	1	2.4	2.8	3.2	3.2	3.3	3.4
wool.	1	4.3	7.2	9.3	9.7	10	11
silk (including silk winding)	1	3.8	6.1	9.6	10	11	12
knitted wear.	1	6.6	13	17	18	18	19
sewing.	1	3.4	6.1	7.6	8.0	8.4	8.7
leather, fur and shoe	1	3.2	4.6	5.7	5.9	6.2	6.4
Food industry	1	3.5	4.7	6.1	6.0	6.2	6.4
including:							
sugar	1	4.7	4.4	4.7	4.3	5.3	5.4
meat.	1	4.4	6.4	9.0	8.1	8.8	9.2
butter and cheese making and							
dairy	1	6.8	9.0	12	12	13	13
fish.	1	6.2	8.8	12	12	12	11

Growth Rate of Total Industrial Production Volume by Sectors in 1970-1978
(1970 = 1)

	1970	1975	1976	1977	1978
All industry.	100	143	150	159	166
Electric power.	100	141	152	157	165
Fuel industry	100	133	138	144	149
Ferrous metallurgy.	100	128	134	136	140
Chemical and petrochemical industry	100	165	178	190	200
Machine building and metalworking	100	173	189	206	224
including machine building.	100	177	195	213	233
Timber, wood processing and pulp and paper					
industry.	100	129	132	136	138
including:					
logging	100	117	117	118	116
wood processing	100	131	135	140	144
pulp and paper.	100	140	148	155	160
Construction materials industry	100	142	147	151	155
Glass and porcelain industry.	100	166	180	195	206
Light industry.	100	125	130	135	140
including:					
textile	100	126	130	134	139
of it:					
cotton.	100	114	116	118	122
wool.	100	129	134	140	146
silk (including silk winding)	100	157	169	178	194
knitted wear.	100	133	139	145	152
sewing.	100	125	132	138	143
leather, fur and shoe	100	123	128	133	138

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	1970	1975	1976	1977	1978
Food industry.	100	130	128	134	136
including:					
sugar.	100	107	99	122	123
meat	100	141	126	138	144
butter and cheese making and dairy	100	129	132	141	142
fish	100	135	138	133	131
Milling, groats and mixed fodder industry. .	100	134	142	157	166

Proportion of Production of Individual Sectors
in Total Industrial Production Volume
(with an estimate of gross production in wholesale prices of enterprises
on 1 January 1975; percent)

	1965	1970	1975	1976	1977	1978
All industry.	100	100	100	100	100	100
including:						
Electric power.	2.9	3.0	3.0	3.1	3.0	3.0
Fuel industry	7.2	6.4	6.0	6.0	5.9	5.8
Chemical and petrochemical industry .	4.7	5.7	6.6	6.8	6.9	6.9
Machine building and metalworking . .	16.7	19.7	24.0	25.1	25.9	26.8
Timber, wood processing and pulp and paper industry.	5.8	5.1	4.7	4.6	4.4	4.3
Construction materials industry . . .	4.1	4.1	4.1	4.1	3.9	3.9
Light industry.	18.6	18.9	16.7	16.6	16.3	16.0
Food industry	22.0	19.6	18.1	17.6	17.4	16.8
Milling, groats and mixed fodder industry.	3.2	3.1	2.9	2.9	3.1	3.1

Growth Rate of Total Industrial Production Volume by Union Republics
in 1913-1978
(1913 = 1)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	1	7.7	61	92	131	137	145	152
RSFSR	1	8.7	62	92	131	137	145	151
Ukrainian SSR	1	7.3	41	61	86	90	95	99
Belorussian SSR	1	8.1	56	101	166	177	192	207
Uzbek SSR	1	4.7	30	40	61	64	67	71
without production of ginning enterprises	1	6.3	55	79	124	132	139	148
Kazakh SSR.	1	7.8	94	146	208	214	223	233
Georgian SSR.	1	10	56	85	118	125	134	144
Azerbaijan SSR.	1	5.9	24	33	49	53	57	62
Lithuanian SSR.	1	2.6	46	80	120	126	132	140
Moldavian SSR	1	5.8	93	146	226	236	252	262
Latvian SSR	1	0.9	16	26	35	37	38	39

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	1913	1940	1965	1970	1975	1976	1977	1978
Kirgiz SSR.	1	9.9	102	188	286	300	311	331
Tadzhik SSR.	1	8.8	58	87	121	124	131	138
Armenian SSR.	1	8.7	107	184	267	290	311	336
Turkmen SSR.	1	6.7	30	45	70	70	72	74
without production of ginning enterprises	1	6.5	36	51	76	81	82	84
Estonian SSR.	1	1.3	23	35	50	53	54	56

Growth Rate of Total Industrial Production Volume by Union Republics
in 1940-1978
(1940 = 1)

	1940	1945	1965	1970	1975	1976	1977	1978
USSR.	1	0.9	7.9	12	17	18	19	20
RSFSR.	1	1.1	7.2	11	15	16	17	17
Ukrainian SSR.	1	0.3	5.6	8.3	12	12	13	14
Belorussian SSR.	1	0.2	7.0	13	21	22	24	26
Uzbek SSR.	1	1.1	6.3	8.5	13	14	14	15
Kazakh SSR.	1	1.4	12	19	27	27	29	30
Georgian SSR.	1	0.8	5.5	8.4	12	12	13	14
Azerbaijan SSR.	1	0.8	4.0	5.5	8.3	8.9	9.6	10
Lithuanian SSR.	1	0.4	18	31	46	49	51	54
Moldavian SSR.	1	0.4	16	25	39	41	43	45
Latvian SSR.	1	0.5	17	27	37	39	41	42
Kirgiz SSR.	1	1.2	10	19	29	30	31	33
Tadzhik SSR.	1	0.7	6.6	9.9	14	14	15	16
Armenian SSR.	1	0.9	12	21	31	33	36	39
Turkmen SSR.	1	0.9	4.5	6.8	10	11	11	11
Estonian SSR.	1	0.7	18	28	39	42	43	44

Growth Rate of Total Industrial Production Volume, Production of
Means of Production (Group A), Production of Consumer Goods (Group B)
by Union Republics in 1970-1978
(1970 = 100)

	1970	1975	1976	1977	1978
USSR					
All industrial production.	100	143	150	159	166
production of means of production (group A).	100	146	154	163	171
production of consumer goods (group B)	100	137	141	149	155
RSFSR					
All industrial production.	100	142	149	157	164
production of means of production (group A).	100	145	152	161	169
production of consumer goods (group B)	100	135	138	144	149

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	1970	1975	1976	1977	1978
Ukrainian SSR					
All industrial production.	100	141	147	156	163
production of means of production (group A).	100	145	153	162	169
production of consumer goods (group B)	100	134	136	144	150
Belorussian SSR					
All industrial production.	100	164	176	190	205
production of means of production (group A).	100	173	188	205	222
production of consumer goods (group B)	100	149	156	168	179
Uzbek SSR					
All industrial production.	100	151	159	167	175
production of means of production (group A).	100	151	158	165	172
production of consumer goods (group B)	100	149	160	173	186
Kazakh SSR					
All industrial production.	100	142	146	153	159
production of means of production (group A).	100	144	150	155	162
production of consumer goods (group B)	100	138	138	146	152
Georgian SSR					
All industrial production.	100	139	147	157	168
production of means of production (group A).	100	139	148	159	171
production of consumer goods (group B)	100	138	145	154	164
Azerbaijan SSR					
All industrial production.	100	150	162	174	188
production of means of production (group A).	100	149	159	170	181
production of consumer goods (group B)	100	152	169	184	206
Lithuanian SSR					
All industrial production.	100	149	157	165	174
production of means of production (group A).	100	155	164	174	185
production of consumer goods (group B)	100	141	147	152	159
Moldavian SSR					
All industrial production.	100	155	162	173	180
production of means of production (group A).	100	173	185	195	205
production of consumer goods (group B)	100	136	138	149	152
Latvian SSR					
All industrial production.	100	136	143	149	154
production of means of production (group A).	100	144	152	158	164
production of consumer goods (group B)	100	128	133	138	141
Kirgiz SSR					
All industrial production.	100	152	159	165	175
production of means of production (group A).	100	156	165	171	184
production of consumer goods (group B)	100	142	148	152	158
Tadzhik SSR					
All industrial production.	100	139	143	151	159
production of means of production (group A).	100	141	145	150	157
production of consumer goods (group B)	100	134	140	154	165
Armenian SSR					
All industrial production.	100	145	157	169	182
production of means of production (group A).	100	144	156	169	181
production of consumer goods (group B)	100	146	159	169	184
/Table continued on following page/					

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	1970	1975	1976	1977	1978
Turkmen SSR					
All industrial production.	100	154	156	160	165
production of means of production (group A).	100	158	159	161	167
production of consumer goods (group B)	100	140	147	155	161
Estonian SSR					
All industrial production.	100	141	149	154	159
production of means of production (group A).	100	146	156	162	167
production of consumer goods (group B)	100	133	141	144	149

Average Annual Number of Industrial Personnel Directly Engaged
in Production in Industry by Categories*

	1940	1965	1970	1975	1976	1977	1978
Thousands of people							
All industrial personnel directly engaged in production.	13079	27447	31593	34054	34815	35417	36014
including:							
workers.	9971	22576	25631	27507	28079	28521	28931
apprentices.	393	419	508	472	475	486	482
engineering and technical personnel.	1023	2872	3687	4287	4466	4619	4816
employees.	943	1080	1275	1280	1294	1283	1270
junior service personnel and security workers	749	500	492	508	501	508	515
Percent of total							
All industrial personnel directly engaged in production.	100	100	100	100	100	100	100
including:							
workers.	76.2	82.3	81.1	80.8	80.7	80.5	80.3
apprentices.	3.0	1.5	1.6	1.3	1.4	1.4	1.3
engineering and technical personnel.	7.8	10.5	11.7	12.6	12.8	13.0	13.4
employees.	7.2	3.9	4.0	3.8	3.7	3.6	3.5
junior service personnel and security workers	5.8	1.8	1.6	1.5	1.4	1.5	1.5

* The data on the number of industrial personnel directly engaged in production do not include the workers of the industrial enterprises of kolkhozes and some small subsidiary industrial enterprises.

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Growth Rate of Labor Productivity by Sectors of Industry
(Excluding Industry of Kolkhozes) in 1940-1978
(output of gross production per worker; 1940 = 100)

	1940	1965	1970	1975	1976	1977	1978
All industry.	100	372	492	657	679	706	732
Electric power.	100	359	470	625	662	667	688
Fuel industry	100	268	374	544	563	579	585
Ferrous metallurgy.	100	335	415	529	550	556	572
Chemical and petrochemical industry .	100	630	908	1344	1422	1501	1565
Machine building and metalworking . .	100	645	938	1419	1517	1619	1724
including machine building.	100	683	1018	1567	1688	1813	1945
Timber, wood processing and pulp and paper industry.	100	269	348	450	464	478	487
including:							
logging	100	217	254	315	322	325	322
wood processing	100	243	322	414	425	440	452
pulp and paper.	100	300	405	539	563	580	595
Construction materials industry . . .	100	516	678	896	917	935	950
Glass and porcelain industry.	100	660	958	1401	1485	1572	1632
Light industry.	100	220	292	359	369	380	394
including:							
textile	100	238	318	395	405	416	429
of it:							
cotton.	100	211	258	305	312	317	329
wool.	100	227	339	411	421	429	443
silk (including silk winding) . .	100	164	236	340	362	378	396
knitted wear.	100	513	765	936	961	986	1026
sewing.	100	174	256	309	323	334	348
leather, fur and shoe	100	307	387	471	487	503	523
Food industry	100	238	281	353	347	358	363
including:							
sugar	100	266	253	284	266	318	323
meat.	100	241	294	364	333	353	360
butter and cheese making and dairy.	100	401	443	556	567	594	595
fish.	100	374	482	609	616	592	579

Growth Rate of Labor Productivity by Sectors of Industry
(Excluding Industry of Kolkhozes) in 1970-1978
(output of gross production per worker; 1970 = 100)

	1970	1975	1976	1977	1978
All industry.	100	134	138	144	149
Electric power.	100	133	141	142	146
Fuel industry	100	145	150	155	156
Ferrous metallurgy.	100	127	132	134	138
Chemical and petrochemical industry	100	148	157	165	173

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	1970	1975	1976	1977	1978
Machine building and metalworking	100	151	162	173	184
including machine building.	100	154	166	178	191
Timber, wood processing and pulp and paper industry.	100	129	133	137	140
including:					
logging	100	124	127	128	127
wood processing	100	129	132	137	141
pulp and paper.	100	133	139	143	147
Construction materials industry	100	132	135	138	140
Glass and porcelain industry.	100	146	155	164	171
Light industry.	100	123	126	130	135
including:					
textile	100	124	128	131	135
of it:					
cotton.	100	118	121	123	128
wool.	100	121	124	126	131
silk (including silk winding)	100	144	153	160	168
knitted wear.	100	122	126	129	134
sewing.	100	121	126	131	136
leather, fur and shoe	100	122	126	130	135
Food industry	100	125	123	127	129
including:					
sugar	100	112	105	125	127
meat.	100	124	113	120	123
butter and cheese making and dairy.	100	126	128	134	134
fish.	100	126	128	123	120
Milling, groats and mixed fodder industry	100	117	120	124	127

Growth Rate of Labor Productivity in Industry (Excluding Industry of
Kolkhozes) by Union Republics in 1940-1978
(output of gross production per workers; 1940 = 100)

	1940	1965	1970	1975	1976	1977	1978
USSR.	100	372	492	657	679	706	732
RSFSR	100	399	535	719	743	774	802
Ukrainian SSR	100	318	405	524	536	556	571
Belorussian SSR	100	349	487	696	728	769	808
Uzbek SSR	100	269	314	394	405	416	425
Kazakh SSR.	100	319	407	528	533	545	558
Georgian SSR.	100	239	316	416	432	452	476
Azerbaijan SSR.	100	242	307	412	432	451	472
Lithuanian SSR.	100	319	424	572	592	606	630
Moldavian SSR	100	266	300	387	394	404	407
Latvian SSR	100	571	789	1057	1098	1132	1161
Kirgiz SSR.	100	273	375	480	492	495	512
Tadzhik SSR	100	213	257	305	306	308	314
Armenian SSR.	100	315	412	523	548	568	589
Turkmen SSR	100	262	342	464	462	460	470
Estonian SSR.	100	650	905	1234	1298	1332	1364

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Growth Rate of Labor Productivity in Industry (Excluding Industry of
Kolkhozes) by Union Republics in 1970-1978
(output of gross production per worker; 1970 = 100)

	1970	1975	1976	1977	1978
USSR.	100	134	138	144	149
RSFSR	100	134	139	145	150
Ukrainian SSR	100	129	132	137	141
Belorussian SSR	100	143	149	158	166
Uzbek SSR	100	126	129	133	136
Kazakh SSR.	100	130	131	134	137
Georgian SSR.	100	131	136	143	150
Azerbaijan SSR.	100	134	141	147	154
Lithuanian SSR.	100	135	140	143	149
Moldavian SSR	100	129	131	134	136
Latvian SSR	100	134	139	144	147
Kirgiz SSR.	100	128	131	132	137
Tadzhik SSR	100	119	119	120	122
Armenian SSR.	100	127	133	138	143
Turkmen SSR	100	136	135	135	137
Estonian SSR.	100	136	143	147	151

Growth Rate of Industrial Fixed Capital and Physical Working Capital by
Sectors of Industry in 1970-1978
(for enterprises carried on an independent balance sheet; 1970 = 100)

	1970	1975	1976	1977	1978
Electric power.	100	144	152	161	170
Fuel industry	100	143	154	164	178
Ferrous metallurgy.	100	143	151	161	171
Chemical and petrochemical industry	100	156	169	180	196
Machine building and metalworking	100	157	174	191	210
Timber, wood processing and pulp and paper industry.	100	139	148	155	164
Construction materials industry	100	146	155	164	174
Light industry.	100	140	145	155	161
Food industry	100	135	141	149	156
Milling, groats and mixed fodder industry	100	151	166	174	186

Growth Rate of Industrial Fixed Capital by Sectors of Industry in 1970-1978
(1970 = 100)

	1970	1975	1976	1977	1978
All industry.	100	151	163	175	188
Electric power.	100	142	151	159	169
Fuel industry	100	143	155	165	179
Ferrous metallurgy.	100	143	152	162	173

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	1970	1975	1976	1977	1978
Chemical and petrochemical industry.	100	158	172	183	200
Machine building and metalworking.	100	161	179	195	214
Timber, wood processing and pulp and paper industry	100	145	155	165	176
including:					
logging.	100	133	139	146	153
wood processing.	100	150	160	172	184
pulp and paper	100	153	166	176	193
Construction materials industry.	100	154	165	177	189
Glass and porcelain industry	100	159	172	186	197
Light industry	100	145	155	165	177
including:					
textile.	100	142	151	161	172
sewing	100	157	166	175	186
leather, fur and shoe.	100	145	157	169	186
Food industry.	100	143	152	160	168
including:					
sugar.	100	124	129	136	143
meat	100	150	163	173	184
butter and cheese making and dairy	100	150	159	169	180
fish	100	144	153	158	166
Milling, groats and mixed fodder industry. . .	100	182	209	229	257

Industrial Fixed Capital by Types and Sectors of Industry
on 1 January 1979
(for enterprises carried on an independent balance sheet; percent of total)

	Industrial fixed capital-- total	including							
		buildings	structures	conveyer equipment	power machinery and equipment	operating machinery and equipment	measuring and control instruments and devices and laboratory equip- ment	vehicles	other fixed capital
All industry.	100	29.3	19.1	11.3	7.6	27.5	1.3	2.1	1.8
Electric power.	100	13.6	17.2	33.4	32.0	1.6	1.1	0.4	0.7
Fuel industry	100	8.5	53.6	12.9	2.3	19.0	1.0	1.9	0.8
Ferrous metallurgy. . .	100	29.9	18.4	7.0	3.7	36.0	0.7	3.3	1.0
Chemical and petro- chemical industry . .	100	33.2	14.9	12.1	2.8	31.6	2.1	1.8	1.5

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	Industrial fixed capital-- total	including							
		buildings	structures	conveyer equipment	power machinery and equipment	operating machinery and equipment	measuring and control instruments and devices and laboratory equip- ment	vehicles	other fixed capital
Machine building and metalworking.	100	40.4	7.2	3.9	2.5	37.6	2.4	2.0	4.0
Timber, wood process- ing and pulp and paper industry. . . .	100	32.2	19.9	4.5	4.5	31.8	0.4	5.4	1.3
including:									
logging	100	18.4	32.7	1.9	4.1	28.8	0.0	12.7	1.4
wood processing . .	100	45.7	12.7	4.0	3.2	29.0	0.3	3.4	1.7
pulp and paper. . .	100	31.5	15.6	7.0	6.0	37.3	0.8	1.0	0.8
Construction mate- rials industry. . . .	100	38.8	19.0	4.7	2.6	30.6	0.6	2.6	1.1
Glass and porcelain industry.	100	42.0	8.4	4.7	3.0	36.0	1.1	2.2	2.6
Light industry. . . .	100	45.4	5.3	3.1	2.1	39.8	0.4	1.4	2.5
including:									
textile	100	39.1	5.8	3.6	2.2	46.0	0.4	1.1	1.8
sewing.	100	67.5	2.0	1.0	1.7	19.9	0.2	2.6	5.1
leather, fur and shoe.	100	47.1	6.7	3.9	2.2	35.4	0.6	1.4	2.7
Food industry	100	36.3	11.5	3.3	3.1	40.1	0.7	3.9	1.1
including:									
sugar	100	27.5	21.8	7.3	10.2	28.4	1.9	2.2	0.7
meat.	100	58.9	11.6	4.9	2.3	17.8	0.7	2.3	1.5
butter and cheese making and dairy. .	100	52.0	10.0	4.2	3.9	24.7	0.7	2.8	1.7
fish.	100	7.0	9.9	0.6	0.6	72.2	0.2	8.7	0.8
Milling, groats and mixed fodder industry .	100	53.8	19.1	3.5	2.1	18.4	1.4	1.0	0.7

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Growth Rate of Capital-Labor Ratio of Industrial Personnel
Directly Engaged in Production by Sectors of Industry in 1970-1978
(Industrial fixed capital per worker; 1970 = 100)

	1970	1975	1976	1977	1978
All industry.	100	142	152	161	171
Electric power.	100	135	142	148	154
Fuel industry	100	156	167	177	186
Ferrous metallurgy.	100	140	150	158	169
Chemical and petrochemical industry	100	145	154	164	175
Machine building and metalworking	100	141	151	164	176
Timber, wood processing and pulp and paper industry.	100	148	160	170	182
including:					
logging	100	143	153	162	172
wood processing	100	148	159	168	182
pulp and paper.	100	146	157	168	178
Construction materials industry	100	148	158	168	179
Glass and porcelain industry.	100	142	153	161	172
Light industry.	100	144	152	162	173
including:					
textile	100	142	150	160	171
sewing.	100	152	160	168	178
leather, fur and shoe	100	149	161	173	186
Food industry	100	142	152	159	168
including:					
sugar	100	129	136	138	147
meat.	100	137	153	162	171
butter and cheese making and dairy.	100	159	164	171	183
fish.	100	142	154	163	168
Milling, groats and mixed fodder industry	100	175	193	208	220

Proportion of Industrial Fixed Capital of Individual Sectors in the Total
Value of Industrial Fixed Capital
(for enterprises carried on an independent balance sheet; percent)

	1965	1970	1975	1976	1977	1978
All industry.	100.0	100.0	100.0	100.0	100.0	100.0
including:						
electric power.	14.9	17.4	16.8	16.5	16.4	16.2
fuel industry	13.9	13.1	12.6	12.8	12.8	12.9
chemical and petrochemical industry	8.3	8.9	9.4	9.4	9.3	9.3
machine building and metalworking	19.0	20.0	21.5	22.0	22.5	23.0
timber, wood processing and pulp and paper industry.	5.6	5.1	4.8	4.7	4.6	4.6
construction materials industry	6.1	5.7	5.8	5.8	5.7	5.6
light industry.	4.4	4.6	4.4	4.4	4.4	4.3
food industry	8.2	7.5	7.5	7.4	7.3	7.1
milling, groats and mixed fodder industry.	0.6	0.5	0.7	0.7	0.7	0.7

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Proportion of Industrial Fixed Capital Placed Into Operation in 1966-1978
in Total Value of Industrial Fixed Capital by Sectors of Industry

	In 1966-1970 as a percentage of the available capital on 1 January 1971	In 1971-1975 as a percentage of the available capital on 1 January 1976	In 1976-1978 as a percentage of the available capital on 1 January 1979
All industry.	43	40	24
Electric power. . . .	35	28	15
Fuel industry.	40	41	26
Ferrous metallurgy. .	39	35	20
Chemical and petro- chemical industry. . .	51	43	24
Machine building and metalworking.	43	43	28
Timber, wood process- ing and pulp and paper industry. . . .	48	43	24
including:			
logging.	56	48	27
wood processing. .	46	41	22
pulp and paper. . .	49	38	23
Construction mate- rials industry.	39	36	20
Glass and porcelain industry.	46	46	24
Light industry.	43	39	23
including:			
textile.	44	39	24
sewing.	44	41	19
leather, fur and shoe.	40	38	26
Food industry.	38	33	17
including:			
sugar.	28	27	19
meat.	36	38	24
butter and cheese making and dairy. .	52	47	24
fish.	33	22	9
Milling, groats and mixed fodder industry	40	48	32

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Placement Into Operation and Retirement of Industrial Fixed Capital by
Sectors of Industry in 1978
(for enterprises carried on an independent balance sheet)

	Placement of new fixed capital into operation (percent of fixed capital at end of the year)				Fixed capital retired due to dilapidation, wear and natural disasters (percent of fixed capital at beginning of the year)			
	including				including			
	Total	buildings and structures	machinery and equipment	other types of fixed capital	Total	buildings and structures	machinery and equipment	other types of fixed capital
All industry.	8.0	7.1	9.2	7.6	1.4	0.6	2.4	1.6
Electric power.	5.4	6.7	4.7	4.8	0.5	0.2	0.4	0.8
Fuel industry.	9.9	8.9	11.5	11.6	2.4	1.4	5.4	1.9
Ferrous metallurgy.	7.2	6.6	7.6	8.2	0.9	0.4	1.3	1.3
Chemical and petrochemical industry.	9.0	8.1	10.5	7.8	1.0	0.2	2.0	0.9
Machine building and metalworking.	9.8	7.5	12.2	10.0	1.2	0.3	2.0	2.1
Timber, wood processing and pulp and paper industry.	8.3	6.4	10.5	10.2	3.0	1.2	4.7	5.5
including:								
logging.	8.4	5.3	12.2	10.5	6.4	2.7	10.7	9.2
wood processing.	7.2	5.4	9.6	9.5	2.0	0.9	3.6	3.7
pulp and paper.	9.5	8.7	10.1	10.4	0.8	0.2	1.4	0.9
Construction materials industry.	5.9	4.8	7.3	7.1	2.4	0.8	4.7	3.4
Glass and porcelain industry.	7.2	5.0	9.6	8.7	1.5	0.2	2.8	2.6
Light industry.	8.2	6.0	10.3	11.2	1.9	0.4	3.4	3.4
including:								
textile.	8.2	6.1	9.9	10.9	2.0	0.3	3.5	3.1
sewing.	6.6	4.9	10.7	9.2	1.6	0.6	3.7	4.7
leather, fur and shoe.	10.2	7.5	13.1	15.2	1.6	0.4	2.9	3.0
Food industry.	5.6	5.2	5.8	7.2	1.8	0.7	2.6	3.5
including:								
sugar.	6.7	5.5	7.6	9.0	1.9	0.2	3.7	2.3
meat.	6.8	5.3	11.4	8.3	1.5	0.4	4.5	2.7
butter and cheese making and dairy.	8.6	6.0	13.1	11.3	2.5	0.6	5.8	4.5
fish.	2.4	6.1	1.3	4.3	1.4	1.6	1.0	3.9
Milling, groats and mixed fodder industry.	8.4	7.9	10.1	7.4	1.6	0.8	4.2	2.1

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Electric Power Balance of the National Economy
(billions of kWh)

Years	Electric power generated	Electric power consumed by					Exports
		industry	agriculture	transport	other sectors	losses in general-purpose network	
1913	2.04	1.57	0.001	0.02	0.38	0.07	
1928	5.0	3.4	0.04	0.3	0.9	0.4	
1932	13.5	9.4	0.1	0.8	2.2	1.0	
1937	36.2	26.3	0.3	2.1	4.9	2.6	
1940	48.6	34.8	0.5	2.6	7.2	3.5	
1945	43.3	31.0	0.4	1.8	6.5	3.6	
1946	48.6	33.2	0.5	2.1	8.6	4.2	
1950	91.2	65.2	1.5	3.7	14.5	6.3	
1955	170.2	123.6	4.0	7.1	25.2	10.3	
1960	292.3	207.5	10.0	17.6	39.4	17.8	0.03
1965	506.7	349.4	21.1	37.1	62.5	35.1	1.5
1970	740.9	488.4	38.6	54.4	96.0	58.3	5.2
1975	1038.6	656.8	73.8	74.2	140.3	82.2	11.3
1976	1111.4	692.8	83.0	82.7	150.6	90.7	11.6
1977	1150.1	712.9	88.4	86.8	157.1	93.3	11.6
1978	1201.9	737.3	95.6	92.6	166.4	97.8	12.2

Of the total consumption of electric power by agriculture its release for the municipal and household uses of the rural population in 1965 was 7.1 billion kWh, in 1978--15.8 billion kWh.

Change of Expenditures Per Ruble of Commodity Production
of Industry by Sectors
(percent of preceding year)

	1975	1976	1977	1978
All industry				
In prevailing prices of corresponding years. . .	+0.8	+0.9	+0.2	-0.1
In prices comparable with preceding year . . .	-0.7	+0.1	-0.3	-0.4
By sectors of industry (in prices comparable with preceding year)				
Electric power	-0.6	+0.1	+0.2	-1.2
Fuel industry.	+0.3	+1.2	+1.3	+1.8
Ferrous metallurgy	+0.9	+0.4	+1.0	+0.7

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	1975	1976	1977	1978
Chemical and petrochemical industry.	-1.5	+0.2	-1.0	-0.5
Machine building and metalworking.	-2.0	-1.2	-1.6	-1.5
Timber, wood processing and pulp and paper industry	+0.4	+1.2	+0.4	+0.9
including:				
logging.	+0.8	+1.7	+1.6	+2.4
wood processing.	+0.2	+1.5	-0.2	+0.4
pulp and paper	-0.1	+0.2	+0.2	+0.2
Construction materials industry.	-0.5	+1.0	+0.7	+0.9
including cement	-0.2	+0.9	+0.1	+1.8
Glass and porcelain industry	-2.9	-1.8	-3.4	-2.1
Light industry	-0.04	+0.4	+0.1	-0.1
including:				
textile.	+0.1	+0.5	+0.3	+0.03
of it:				
ginning.	-1.0	-0.2	+2.2	+1.1
cotton	+0.6	+1.0	+0.7	-0.3
wool	+0.5	+0.4	+0.2	+0.1
silk (including silk winding).	-1.0	-0.3	-0.3	+0.2
sewing	-0.1	+0.6	-0.1	-0.2
Food industry.	-0.6	+1.0	-0.1	-0.5
including:				
sugar.	-3.9	+12.7	-1.7	-5.7
meat	-0.3	-0.1	-0.6	-0.6
butter and cheese making and dairy	-0.6	-0.7	-0.4	-0.4
fish	-1.6	+2.7	+3.0	+2.5
Milling, groats and mixed fodder industry. . .	-0.1	-0.02	-0.1	-0.2

A minus sign (-) means a decrease of expenditures, a plus sign (+) means an increase.

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Pattern of Expenditures on Production of Industrial Products
by Sectors of Industry in 1978
(in prevailing prices; percent of total of all expenditures on production)

		including						
	Total expenditures	raw materials and basic materials	auxiliary materials	fuel	power	amortization	wages and deductions for social insurance	other expenditures not distributed by components
All industry.	100	63.0	4.3	3.5	2.5	7.1	14.8	4.8
Electric power.	100	--	5.4	50.0	0.5	26.1	11.4	6.6
Fuel industry.	100	40.4	6.1	1.0	5.4	16.2	16.8	14.1
Ferrous metallurgy. . .	100	54.7	6.4	9.1	4.3	10.0	10.7	4.8
Chemical and petro- chemical industry. . . .	100	57.0	6.6	1.6	8.1	11.0	11.9	3.8
Machine building and metalworking.	100	58.0	3.8	1.2	2.0	6.2	23.1	5.7
Timber, wood processing and pulp and paper industry.	100	43.3	5.2	3.9	2.4	9.9	27.0	8.3
including:								
logging.	100	19.1	6.9	5.0	1.3	14.0	38.1	15.6
wood processing. . .	100	56.2	3.6	2.2	1.9	6.0	25.0	5.1
pulp and paper. . . .	100	51.2	6.3	6.2	5.7	13.0	14.3	3.3
Construction materials industry.	100	39.8	5.6	6.8	4.4	11.6	22.6	9.2
including cement. . .	100	13.0	10.0	21.9	12.3	17.4	13.3	12.1
Glass and porcelain industry.	100	26.0	11.6	7.6	3.6	9.9	33.9	7.4
Light industry.	100	85.6	2.6	0.3	0.7	1.5	8.5	0.8
including:								
textile.	100	87.2	2.5	0.4	0.8	1.6	6.8	0.7
of it:								
ginning.	100	94.7	2.0	0.1	0.4	0.9	1.6	0.3
cotton.	100	81.5	3.2	0.4	1.5	2.6	9.9	0.9
wool.	100	93.2	1.3	0.3	0.3	0.9	3.6	0.4
silk (including silk winding). . .	100	84.4	2.8	0.6	1.0	2.3	8.1	0.8
sewing.	100	85.8	0.9	0.1	0.2	0.7	11.5	0.8

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		including							
	Total expenditures	raw materials and basic materials	auxiliary materials	fuel	power	amortization	wages and deductions for social insurance	other expenditures not distributed by components	
Food industry.	100	82.1	3.7	1.5	0.6	3.4	6.5	2.2	
including:									
sugar.	100	85.0	2.5	3.0	0.3	3.7	4.7	0.8	
meat	100	91.7	1.2	0.5	0.5	1.1	3.5	1.5	
butter and cheese making and dairy . .	100	83.4	3.7	1.5	0.9	2.5	6.2	1.8	
fish	100	24.1	13.4	5.8	0.5	20.0	23.6	12.6	
Milling, groats and mixed fodder industry.	100	94.8	0.4	0.2	0.6	1.2	2.1	0.7	

Indices of Wholesale Prices of Enterprises (Excluding the Turnover Tax)
for the Main Sectors of Industry
(1949 = 100)

	1949	1950	1955	1965	1967	1970	1975	1978
Overall index of wholesale prices of enterprises of all industry. .	100	83	68	70	77	77	75	74
Overall index of wholesale prices of enterprises of sectors of heavy industry.	100	80	61	55	65	64	59	57
Sectorial indices of wholesale prices of enterprises:								
electric power.	100	92	74	62	83	83	83	79
fuel industry	100	95	77	76	132	132	131	131
ferrous metallurgy.	100	71	60	60	90	90	90	93
chemical and petrochemical industry.	100	84	67	66	66	66	63	62
machine building and metal-working	100	76	52	41	40	39	33	31
timber, wood processing and pulp and paper industry	100	84	80	95	114	114	113	114
construction materials industry	100	82	57	57	68	68	67	67

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	1949	1950	1955	1965	1967	1970	1975	1978
Overall index of wholesale prices of enterprises of sectors of light and food industry	100	90	85	104	105	106	111	111
Sectorial indices of wholesale prices of enterprises:								
light industry	100	91	80	81	84	86	93	93
food industry	100	90	90	126	125	126	129	129

Indices of Wholesale Prices of Industry (With the Turnover Tax)
for the Main Sectors of Industry

	1949 = 100								1978 as a percentage of 1948
	1949	1950	1955	1965	1967	1970	1975	1978	
Overall index of wholesale prices of all industry	100	80	61	60	64	64	63	63	73
Overall index of wholesale prices of sectors of heavy industry	100	80	61	58	66	66	62	62	97
Sectorial indices of wholesale prices of industry:									
electric power	100	92	74	70	80	80	80	80	123
fuel industry	100	92	73	74	104	115	113	127	207
ferrous metallurgy	100	71	60	60	88	88	88	91	252
chemical and petrochemical industry	100	84	67	66	62	62	59	59	102
machine building and metalworking	100	76	52	43	42	40	35	33	43
timber, wood processing and pulp and paper industry	100	84	80	95	113	113	112	113	409
construction materials industry	100	79	57	57	68	68	67	67	149
Overall index of wholesale prices of sectors of light and the food industry	100	83	64	65	64	65	67	67	65
Sectorial indices of wholesale prices of industry:									
light industry	100	88	70	67	67	68	71	71	75
food industry	100	79	60	64	62	63	64	65	60

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The wholesale prices for the products of the sectors of heavy industry in the postwar period were lower than their production cost, which has increased considerably during the war. Therefore until 1949 heavy industry used state grants.

On 1 January 1949 a reform of the wholesale prices for means of production was carried out. The prices were increased by 58 percent as against 1948 in order to bring them gradually in subsequent years to the 1948 level by means of the increase of labor production and the decrease of the production cost.

In 1952 the wholesale prices for the products of heavy industry had already almost reached the 1948 level and exceeded them by only 7 percent. A later overall reduction of the wholesale prices for the products of heavy industry was made on 1 July 1955, and these prices with a few changes continued in effect until 1 July 1967.

A systematic mass reduction of the wholesale prices of industry, especially for the goods of the food industry, took place starting in 1949-1950 for the sectors of light and the food industry.

The overall index of the wholesale prices of all industry in 1950 was already 6 percent lower than the 1948 level.

The increase of the wholesale prices of enterprises of the food industry starting in 1958 was caused primarily by the increase of the purchase prices for agricultural raw materials.

By the end of 1966 the wholesale prices of industry were 41 percent lower than the 1949 level, while the wholesale prices of enterprises were 29 percent lower.

New wholesale prices were introduced for the purpose of bringing the wholesale prices in line with the requirements of the new system of planning and economic stimulation during the fourth quarter of 1966 and the first quarter of 1967 in most sectors of light and the food industry and on 1 July 1967 in all the sectors of heavy industry.

The overall index of the wholesale prices of enterprises of all industry during the second half of 1967 increased 9 percent as against 1966, including 17.5 percent in industry, and that of the wholesale prices of industry increased respectively by 7 and 15 percent. The indices of the wholesale prices of the sectors of light and the food industry in 1967 virtually did not change. The change of the wholesale prices in 1966-1967 was carried out without increasing the retail prices for consumer goods. The prices for tractors, agricultural machinery and mineral fertilizers, which were sold to kolkhozes and sovkhoses, were also kept unchanged.

On 1 January 1973 new wholesale prices, which reflected more completely the expenditures on the production of products with allowance made for the

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change of prices for individual types of agricultural and industrial raw materials, without a change of the retail prices were introduced in most sectors of light industry. The overall level of the wholesale prices of enterprises of light industry increased as against 1972 by 8 percent and that of the wholesale prices of industry increased by 5 percent. New wholesale prices were also introduced in most of the sectors of machine building and metalworking, where as a result of the increase of the efficiency of social production and the reduction of the production cost real opportunities formed for the reduction of the wholesale prices. The level of the wholesale prices of enterprises of machine building and metalworking was reduced in 1973 as against the preceding year by 8 percent and that of the wholesale prices of industry was reduced by 6 percent. The change in the level of the wholesale prices of the fuel industry was caused by the increase in 1978 of the prices for gasoline and the fuel mixture for two-stroke engines.

The present wholesale prices of industry are 37 percent lower than the 1949 level, while the wholesale prices of enterprises are 26 percent lower.

Change of Structure of Wholesale Prices of Industry
(percent)

	1970			1975			1978		
	All industry	Sectors of heavy industry	Sectors of light and food industry	All industry	Sectors of heavy industry	Sectors of light and food industry	All industry	Sectors of heavy industry	Sectors of light and food industry
Wholesale prices of industry.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
including:									
outlays of industrial enterprises and sales organizations.	73.0	77.0	68.0	74.7	78.0	70.3	74.3	77.4	69.9
profit of industrial enterprises and sales organizations.	14.2	18.1	9.3	12.5	15.7	8.3	11.8	14.6	7.9
turnover tax.	12.8	4.9	22.7	12.8	6.3	21.4	13.9	8.0	22.2

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Electric Power

Capacity of Electric Power Stations and Generation of Electric Power

Years	All electric power stations		including hydroelectric power stations	
	Capacity of electric power stations, thousands of kW	Generation of electric power, millions of kWh	Capacity of electric power stations, thousands of kW	Generation of electric power, millions of kWh
1913				
in boundaries of USSR before 17 September 1939.	1098	1945	16	35
in present USSR boundaries	1141	2039	16	35
1928.	1905	5007	121	430
1932.	4677	13540	504	812
1937.	8235	36173	1044	4184
1940.	11193	48562	1587	5260
1945.	11124	43257	1252	4841
1946.	12338	48571	1427	6046
1950.	19614	91226	3218	12691
1955.	37246	170225	5996	23165
1960.	66721	292274	14781	50913
1965.	115033	506672	22244	81434
1970.	166150	740926	31368	124377
1975.	217484	1038607	40515	125987
1976.	228307	1111420	43131	135735
1977.	237805	1150074	45219	147014
1978.	245441	1201896	47549	169701

The proportion of the generation of electric power by general-purpose electric power stations and block stations in the total generation of electric power by all electric power stations (the coefficient of the centralization of the generation of electric power) in 1978 was 97 percent.

Generation of Electric Power by Union Republics
(billions of kWh)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	2.0	49.0	507.0	741.0	1039.0	1111.0	1150.0	1202.0
RSFSR	1.3	30.8	333.0	470.0	640.0	686.0	708.0	745.0
Ukrainian SSR	0.5	12.4	94.6	138.0	195.0	209.0	216.0	222.0
Belorussian SSR	0.0	0.5	8.4	15.1	26.7	29.0	30.1	31.5
Uzbek SSR	0.0	0.5	11.5	18.3	33.6	35.1	34.9	33.8

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	1913	1940	1965	1970	1975	1976	1977	1978
Kazakh SSR.	0.0	0.6	19.2	34.7	52.5	55.6	58.3	59.2
Georgian SSR.	0.0	0.7	6.0	9.0	11.6	12.1	12.0	12.6
Azerbaijan SSR.	0.1	1.8	10.4	12.0	14.7	15.3	15.8	15.9
Lithuanian SSR.	0.0	0.08	3.9	7.4	9.0	9.7	10.7	11.2
Moldavian SSR.	0.0	0.02	3.1	7.6	13.7	13.7	13.6	13.6
Latvian SSR.	0.0	0.25	1.5	2.7	2.9	2.5	3.3	4.7
Kirgiz SSR.	--	0.05	2.3	3.5	4.4	4.8	4.9	6.9
Tadzhik SSR.	--	0.06	1.6	3.2	4.7	5.2	7.3	8.5
Armenian SSR.	0.0	0.4	2.9	6.1	9.2	9.7	10.9	11.5
Turkmen SSR.	0.0	0.08	1.4	1.8	4.5	5.2	5.7	6.2
Estonian SSR.	0.0	0.2	7.1	11.6	16.7	18.6	19.0	19.1

Technical and Economic Indicators of Operation of Electric Power Stations

Years	Number of hours of use of average annual installed capacity of electric power stations				Specific consumption of conventional fuel at general-purpose electric power stations	
	all electric power stations	general-purpose electric power stations	including		per released kWh of electric power, g	per released gigacalorie of thermal energy, kg
			thermal electric power stations	hydroelectric power stations		
1940	4650	5481	5873	3812	645	207.7
1945	4240	5132	5171	4901	627	204.6
1950	5015	5994	6446	4537	590	194.9
1955	4955	5903	6238	4700	523	188.6
1960	4737	5377	6013	3855	468	181.2
1965	4734	5288	5803	3780	415	178.4
1970	4735	5136	5423	4146	367	175.7
1975	5013	5257	5741	3354	340	173.6
1976	5078	5315	5843	3311	337	173.4
1977	5010	5230	5727	3368	334	173.2
1978	5037	5253	5654	3746	331	173.1

Length of Overhead Electric Networks of Power Administrations
With a Voltage of 35 kV and More by Circuits

	1940	1965	1970	1975	1976	1977	1978
Length of electric networks, thousands of km.	20.2	306.8	445.5	604.8	638.5	670.4	702.8
including with a voltage, kV:							
35	8.0	122.3	175.7	241.8	255.0	268.1	280.0
110	10.6	128.1	185.8	244.0	257.3	269.6	281.9

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	1940	1965	1970	1975	1976	1977	1978
154.	0.5	5.1	5.8	7.7	8.4	9.1	9.4
220.	1.1	35.2	50.2	70.3	73.8	77.7	83.0
330.	--	7.3	14.2	19.4	20.7	21.8	22.3
400-500.	--	8.3	13.2	19.4	21.1	21.9	23.8
750.	--	--	0.1	1.7	1.7	1.7	1.9
800.	--	0.5	0.5	0.5	0.5	0.5	0.5

Fuel Industry

Production of Fuel by Types
(in terms of conventional fuel--7,000 kilocalories)

Years	Total	Petroleum (including gas con- densate)	Gas	Coal	Peat	Shales	Wood
Millions of tons							
1913	48.2	14.7	--	23.1	0.7	--	9.7
1940	237.9	44.5	4.4	140.5	13.6	0.7	34.2
1945	185.0	27.8	4.2	115.0	9.2	0.4	28.4
1946	202.7	31.0	4.5	127.3	11.2	0.7	28.0
1950	311.2	54.2	7.3	205.7	14.8	1.3	27.9
1955	479.9	101.2	11.4	310.8	20.8	3.3	32.4
1960	692.8	211.4	54.4	373.1	20.4	4.8	28.7
1965	966.6	346.4	149.8	412.5	17.0	7.4	33.5
1970	1221.8	502.5	233.5	432.7	17.7	8.8	26.6
1975	1571.3	701.9	342.9	471.8	18.5	10.8	25.4
1976	1649.3	743.1	380.3	479.0	11.3	11.0	24.6
1977	1726.5	780.5	410.0	486.0	14.0	11.4	24.6
1978	1790.3	817.3	441.1	487.0	9.2	11.6	24.1
Percent of Total							
1913	100.0	30.5	--	48.0	1.4	--	20.1
1940	100.0	18.7	1.8	59.1	5.7	0.3	14.4
1945	100.0	15.0	2.3	62.2	4.9	0.2	15.4
1946	100.0	15.3	2.2	62.8	5.5	0.4	13.8
1950	100.0	17.4	2.3	66.1	4.8	0.4	9.0
1955	100.0	21.1	2.4	64.8	4.3	0.7	6.7
1960	100.0	30.5	7.9	53.9	2.9	0.7	4.1
1965	100.0	35.8	15.5	42.7	1.7	0.8	3.5
1970	100.0	41.1	19.1	35.4	1.5	0.7	2.2
1975	100.0	44.7	21.8	30.0	1.2	0.7	1.6
1976	100.0	45.0	23.1	29.0	0.7	0.7	1.5
1977	100.0	45.2	23.7	28.2	0.8	0.7	1.4
1978	100.0	45.7	24.6	27.2	0.5	0.6	1.4

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Petroleum Production (Including Gas Condensate)

Years	Thousands of tons	Years	Thousands of tons
1913		1945	19436
within the bound- aries of the USSR prior to 17 Sep- tember 1939. . .	9234	1946	21746
within the pres- ent boundaries of the USSR. . .	10281	1950	37878
1928	11625	1955	70793
1932	21414	1960	147859
1937	28501	1965	242888
1940	31121	1970	353039
		1975	490801
		1976	519677
		1977	545799
		1978	571531

Gas Production

Years	Millions of m ³	Years	Millions of m ³
1913.	--	1955.	8981
1928.	304	1960.	45303
1932.	1049	1965.	127666
1937.	2179	1970.	197945
1940.	3219	1975.	289268
1945.	3278	1976.	320953
1946.	3902	1977.	346003
1950.	5761	1978.	372194

Coal Production by Types
(thousands of tons)

Years	Total	<u>including</u> hard coal lignite		Of total coal production that mined by open-cut method
1913				
within the bound- aries of the USSR prior to 17 Sep- tember 1939. . .	29117	27987	1130	185
within the pres- ent boundaries of the USSR. . .	29153	27987	1166	185
1928	35510	32453	3057	300
1932	64360	57471	6889	366
1937	127968	109878	18090	2504
1940	165923	139974	25949	6309
1945	149333	99428	49905	17781
1946	164063	114295	49768	17928

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Years	Total	including		Of total coal production that mined by open-cut method
		hard coal	lignite	
1950.	261089	185225	75864	27141
1955.	389868	276615	113253	64466
1960.	509623	374925	134698	101977
1965.	577731	427881	149850	140517
1970.	624114	476406	147708	166627
1975.	701287	537654	163633	225751
1976.	711522	548018	163504	231603
1977.	722125	555100	167025	244067
1978.	723624	557140	166484	253903

Production of Coal Briquets

Years	Thousands of tons	Years	Thousands of tons
1940.	470	1970.	7213
1950.	349	1975.	8337
1955.	2589	1976.	8554
1960.	5265	1977.	8555
1965.	6518	1978.	8002

Production of Fuel Peat
(of conventional moisture content)

Years	Millions of tons	Years	Millions of tons
1913.	1.3	1955.	50.8
1928.	5.3	1960.	53.6
1932.	13.5	1965.	45.7
1937.	24.0	1970.	57.4
1940.	33.2	1975.	53.8
1945.	22.4	1976.	32.7
1946.	27.3	1977.	41.2
1950.	36.0	1978.	27.4

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Ferrous Metallurgy

Production of Pig Iron, Steel, Rolled Ferrous Metal and Steel Pipe
(thousands of tons)

Years	Pig iron	Steel	Finished rolled products	Steel pipe	
				thousands of tons	millions of m
1913					
within the bound- aries of the USSR prior to 17 Sep- tember 1939. . .	4216	4231	3287	77.7	
within the pres- ent boundaries of the USSR. . .	4216	4307	3372	77.7	
1928	3282	4251	3213	171	
1932	6161	5927	4060	310	
1937	14487	17730	11108	923	
1940	14902	18317	11430	966	
1945	8803	12252	7358	571	
1946	9862	13346	8263	796	
1950	19175	27329	17973	2001	
1955	33310	45272	30556	3549	
1960	46757	65294	43679	5805	883
1965	66184	91021	61650	9014	1381
1970	85933	115889	80650	12434	1917
1975	102968	141344	98686	15967	2396
1976	105374	144825	101442	16806	2478
1977	107368	146678	102141	17021	2527
1978	110702	151453	105433	17553	2591

Production of Rolled Ferrous Metal Products and Steel Pipe by Types
(thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
Rolled ferrous metal prod- ucts--total.	13113	70914	92501	115045	118198	118308	121768
Finished rolled products-- total.	11430	61650	80650	98686	101442	102141	105433
including:							
merchant shapes.	8517	38085	49515	58553	59114	59508	60925
of it:							
large-section.		10486	13202	16078	16338	16566	16962
medium-section.	4599	4229	5687	6771	6775	6928	7047
small-section.		5971	8526	10173	10090	10292	10342
beams and channels . .	531	2927	4208	4673	4861	4896	5461

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	1940	1965	1970	1975	1976	1977	1978
railroad and streetcar rails.	1360	2697	2967	3150	3272	3266	3449
wire rod.	680	5162	6950	8281	8352	8360	8233
sectional strips.	250	1283	1567	1822	1703	1657	1594
pipe skelp.	367	3930	4610	5625	5871	5844	6071
fastening bands	460	580	606	663	668	678	685
axle and forge blanks	220	341	398	405	439	390	410
including axle blanks	148	225	327	336	372	324	350
rolled sheet.	2640	23017	30537	39347	41512	41840	43734
of it:							
sheet more than 5 mm thick. .		8147	10194	12924	13625	13826	14076
sheet 3-5 mm thick.	2461	3395	4047	6376	5714	6750	7700
sheet up to 3 mm thick. . . .		7596	10286	11801	12277	12205	12440
sheet strips.	179	3879	6010	8246	8896	9059	9518
including cold-rolled	--	95	199	398	435	431	469
of the total amount of rolled sheet:							
cold-rolled sheet steel	--	3549	5178	6820	6965	7074	7037
electric generator steel. . . .	51	494	594	710	703	682	710
transformer steel	17	320	358	414	447	471	462
belting and rings	182	144	180	191	192	191	194
rolled rings.	91	404	418	595	624	602	580
Pipe from bars.	364	1145	1497	1655	1688	1811	1862
Forged pieces from bars	290	926	1040	1248	1286	1332	1310
Commercial blanks for rolling at other plants	1029	7193	9314	13456	13782	13024	13163
Steel pipe.	966	9014	12434	15967	16806	17021	17553
seamless pipe	622	4275	5392	6468	6741	6901	7051
welded pipe	344	4739	7042	9499	10065	10120	10502

With a total increase in 1966-1978 of the production of finished rolled products by 1.7-fold the production of rolled products from low-alloy steels and of rolled products with strain-hardening heat treatment increased threefold, the production of cold-rolled sheet steel increased twofold. The production of bent shapes during this period increased sevenfold.

Production of Commercial Iron and Manganese Ore
(in physical terms; thousands of tons)

Years	Iron ore	Manganese ore	Years	Iron ore	Manganese ore
1913	9214	1245	1955	71862	4743
1928	6133	702	1960	105857	5872
1932	12086	832	1965	153432	7576
1937	27770	2752	1970	195492	6841
1940	29866	2557	1975	232803	8459
1945	15864	1470	1976	239110	8636
1946	19327	1730	1977	239715	8595
1950	39651	3377	1978	244231	9057

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Production of Commercial Iron and Manganese Ore
(in terms of 100-percent content of metal; thousands of tons)

	1965	1970	1975	1976	1977	1978
Iron ore.	80996	106058	127483	130890	131418	133894
Manganese ore	2485	2446	2951	2992	2904	2945

Useful Volume Utilization Factor and Idle Times of Blast Furnaces
(with respect to nominal available time)

Years	Useful volume utilization factor of blast furnaces, m ³ per ton	Current idle times as a percentage of the nomi- nal available time
1940	1.19	4.6
1945	1.15	3.5
1946	1.19	3.2
1950	0.977	1.8
1955	0.803	0.9
1960	0.741	1.2
1965	0.662	1.1
1970	0.597	1.0
1975	0.568	1.3
1976	0.563	1.3
1977	0.561	1.5
1978	0.549	1.3

Average Daily Yield of Steel From 1 m² of Area of Hearth
and Idle Times of Open Hearth Furnaces
(with respect to available calendar time)

Years	Average daily yield of steel from 1 m ² of area of hearth, tons	Idle times as a percentage of available calendar time	including	
			cold	hot
1940	4.24	24.2	11.8	12.4
1945	3.75	29.5	17.9	11.6
1946	3.84	35.5	18.9	16.6
1950	5.36	17.9	9.8	8.1
1955	6.55	14.5	7.2	7.3
1960	7.69	10.9	5.7	5.2
1965	8.55	9.0	5.8	3.2
1970	9.15	9.1	6.3	2.8
1975	9.74	9.2	6.6	2.6
1976	9.74	9.5	6.7	2.8
1977	9.68	9.8	7.1	2.7
1978	9.77	9.6	6.9	2.7

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Chemical and Petrochemical Industry

Growth Rate of Total Production Volume of Individual Sectors of
the Chemical and Petrochemical Industry in 1970-1978
(1970 = 100)

	1970	1975	1976	1977	1978
Chemical and petrochemical industry.	100	165	178	190	200
Chemical industry.	100	169	182	195	206
Mining and chemical industry.	100	174	190	202	212
Basic chemical industry.	100	175	189	200	211
Chemical fibers and filaments industry. . .	100	167	182	200	213
Synthetic resins and plastics industry. . .	100	162	175	186	193
Lacquer and paint industry.	100	137	142	148	155
Synthetic dyes industry.	100	184	198	208	218
Pharmaceutical chemicals industry.	100	173	192	210	229
Petrochemical industry.	100	155	166	178	187
Production of products of basic organic synthesis.	100	141	156	167	182
Tire industry.	100	153	165	177	184
Rubber-asbestos industry.	100	151	158	164	171

Production of Mineral Fertilizers
(thousands of tons)

Years	In terms of 100 percent nutrients	In conventional units
1913		
within the boundaries of the USSR prior to 17 September 1939.	13	69
within the present boundaries of the USSR.	17	89
1928.	26	135
1932.	175	921
1937.	703	3240
1940.	756	3290
1945.	253	1121
1946.	383	1711
1950.	1236	5497
1955.	2299	9668
1960.	3281	13867
1965.	7389	31253
1970.	13099	55400
1975.	21998	90202
1976.	22590	92244
1977.	23493	96752
1978.	23653	97976

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Production of Mineral Fertilizers by Types
(thousands of tons)

	1928	1940	1965	1970	1975	1976	1977	1978
In terms of 100 percent nutrients								
Mineral fertilizers--total	25.6	756	7389	13099	21998	22590	23493	23653
including:								
nitrogen.	2.3	199	2712	5423	8535	8609	9114	9299
phosphate	20.9	263	1599	2500	4452	4833	5203	5347
potassium	--	221	2368	4087	7944	8310	8347	8193
phosphorite meal.	2.4	73	701	1085	1059	831	821	806
In conventional units								
Mineral fertilizers--total	135	3290	31253	55400	90202	92244	96752	97976
including:								
nitrogen.	11	972	13217	26442	41628	41970	44450	45356
phosphate	111	1404	8550	13370	23816	25844	27822	28596
potassium	--	532	5691	9824	19097	19977	20063	19694
phosphorite meal.	13	382	3690	5709	5573	4372	4320	4240

Production of Mineral Fertilizers by Union Republics
(in conventional units; thousands of tons)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	89.0	3290	31253	55400	90202	92244	96752	97976
including:								
RSFSR	33.2	2164	16157	27277	42444	43225	45879	46490
Ukrainian SSR	35.6	1012	7312	11541	18265	19426	20002	19781
Belorussian SSR	--	13	1850	6120	11033	11442	11668	11994
Uzbek SSR	--	2	2146	4091	6132	5840	5879	6004
Kazakh SSR.	--	--	776	1957	5822	5835	6496	6589
Georgian SSR.	--	--	436	467	696	713	748	714
Azerbaijan SSR.	--	--	448	580	896	940	979	955
Lithuanian SSR.	--	--	593	1168	2111	2207	2470	2924
Tadzhik SSR	--	--	--	252	406	401	405	400
Armenian SSR.	--	--	103	253	401	385	416	405
Turkmen SSR	--	--	257	368	431	430	428	403
Estonian SSR.	--	--	804	1326	1565	1400	1382	1317

Production of Chemical Means of Plant Protection
(thousands of tons)

Years	In terms of 100 percent nutrients	In conventional units	Years	In terms of 100 percent nutrients	In conventional units
1950	5.1	13.0	1975	264	448
1955	14.9	30.0	1976	276	466
1960	32.3	62.6	1977	290	487
1965	103.0	201.0	1978	296	491
1970	164.0	299.0			

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Production of Sulfuric Acid in Monohydrate

Years	Thousands of tons	Years	Thousands of tons
1913		1945.	781
within the bound-		1946.	725
aries of the USSR		1950.	2125
prior to 17 Sep-		1955.	3798
tember 1939. . .	121	1960.	5398
within the pres-		1965.	8518
ent boundaries		1970.	12059
of the USSR. . .	145	1975.	18645
1928	211	1976.	20015
1932	552	1977.	21104
1937	1369	1978.	22411
1940	1587		

Production of Soda Ash and Caustic Soda
(thousands of tons)

Years	Soda ash	Caustic soda	Years	Soda ash	Caustic soda
1913	152	51	1955	1365	518
1928	206	54	1960	1793	704
1932	273	74	1965	2728	1199
1937	502	151	1970	3485	1783
1940	509	175	1975	4692	2395
1945	224	118	1976	4842	2604
1946	244	129	1977	4876	558
1950	711	299	1978	4858	2763

Production of Chemical Fibers and Filaments
(thousands of tons)

Years	Chemical fibers and filaments	including	
		artificial fibers and filaments	synthetic fibers and filaments
1913.	--	--	--
1928.	0.2	0.2	--
1932.	3	3	--
1937.	9	9	--
1940.	11	11	--
1945.	1	1	--
1946.	3	3	--
1950.	24	23	1
1955.	110	101	9
1960.	211	196	15

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Years	Chemical fibers and filaments	including	
		artificial fibers and filaments	synthetic fibers and filaments
1965.	407	330	77
1970.	623	456	167
1975.	955	590	365
1976.	1020	612	408
1977.	1088	629	459
1978.	1131	634	497

Production of Synthetic Resins and Plastics

Years	Thousands of tons	Years	Thousands of tons
1913	--	1955	160
1928	0.3	1960	312
1932	2.4	1965	803
1937	8.0	1970	1670
1940	10.9	1975	2838
1945	21.3	1976	3058
1946	26.3	1977	3309
1950	67.1	1978	3516

Production of Synthetic Detergents and Soap
(thousands of tons)

Years	Synthetic detergents and soap (in terms of 40-percent con- tent of fatty acids)	including synthetic detergents
1913		
within the bound- aries of the USSR prior to 17 Sep- tember 1939. . . .	168	--
within the pres- ent boundaries of the USSR. . . .	192	--
1928	311	--
1932	357	--
1937	495	--
1940	705	--
1945	229	--
1946	233	--
1950	816	--
1955	1075	1.2
1960	1473	22.9

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Years	Synthetic detergents and soap (in terms of 40-percent con- tent of fatty acids)	including synthetic detergents
1965.	1925	144
1970.	1907	471
1975.	2336	769
1976.	2370	828
1977.	2234	824
1978.	2297	877

Production of Lacquers and Paints
(millions of tons)

1965	1970	1975	1976	1977	1978
1.6	2.4	3.0	3.0	3.0	3.1

Production of Motor Vehicle and Bicycle Tires
(millions)

	1913	1940	1965	1970	1975	1976	1977	1978
Motor vehicle tires.	0.1	3.0	26.4	34.6	51.5	54.5	57.4	59.0
Bicycle tires.	0.2	0.8	12.9	13.5	15.2	16.1	16.7	17.9

Production of Feed Microbiological Protein
(thousands of tons of commodity product)

1965	1970	1975	1976	1977	1978
98	261	674	819	904	918

Machine Building and Metalworking

Growth Rate of Total Production Volume by Sectors of Machine
Building and Metalworking in 1970-1978
(1970 = 100)

	1970	1975	1976	1977	1978
Machine building and metalworking.	100	173	189	206	224
Machine building	100	177	195	213	233
Power machine building	100	138	149	158	165
Metallurgical machine building	100	133	140	144	150
Mining machine building.	100	139	149	151	158
Materials-handling machine building.	100	143	151	159	167
Railroad machine building.	100	134	145	151	158
Electrical equipment industry.	100	152	164	174	184
Chemical and polymer machine building.	100	156	168	180	192

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	1970	1975	1976	1977	1978
Production of oil field and geological exploration drilling equipment.	100	160	168	181	196
Production of petroleum and gas refining equipment	100	146	164	176	186
Production of equipment for the pulp and paper industry.	100	183	203	221	235
Machine tool and tool building industry.	100	161	176	192	209
Instrument making	100	234	273	316	359
including computer hardware industry.	100	406	500	604	709
Automotive industry	100	184	198	215	237
Tractor and agricultural machine building	100	170	185	198	211
Construction and road machine building.	100	157	165	175	179
Production of equipment for construction materials industry.	100	142	153	160	172
Production of technological equipment for light industry.	100	151	161	173	184
Production of technological equipment for food and mixed fodder industry.	100	156	168	178	185
Metal components and items industry	100	155	165	174	185
Repair of machinery and equipment	100	152	163	174	184

Production of Power and Electrical Equipment

	1913	1940	1965	1970	1975	1976	1977	1978
Turbines:								
thousands of units.	--	0.1	0.3	0.3	0.4	0.5	0.5	0.5
millions of kW.	0.01	1.2	14.6	16.2	18.9	19.6	19.0	18.3
Steam boilers with a capacity of more than 10 tons of steam per hour, thousands of tons of steam per hour.	--	4.4	53.2	48.3	55.6	53.2	52.2	55.8
Diesels (excluding truck and tractor), millions of hp.	0.04	0.3	13.6	16.5	18.6	19.0	18.9	19.2
Generators for turbines, millions of kW.	--	0.5	14.4	10.6	17.1	16.6	17.9	18.2
Large-scale electrical machinery, thousands of units.	--	0.3	15.3	17.0	24.0	25.9	26.7	27.9
AC electric motors with a rating of more than 100 kW:								
thousands of units.	--	3.1	25.2	28.0	35.5	37.8	38.5	39.3
millions of kW.	--	0.5	5.3	5.5	7.0	7.5	7.5	7.7
AC electric motors with a rating of 0.25 to 100 kW:								
thousands of units.	40.1*	261	4688	5837	8026	8513	8864	9131
millions of kW.	0.3	1.3	21.6	27.8	34.7	35.4	36.0	37.6
Power transformers, millions of kVA.	0.3	3.5	95.3	106	137	144	146	150
Electric light bulbs, millions.	2.9	140	983	1627	2050	2032	2080	2097

* Including explosion-proof.

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Production of Instruments, Automation Equipment and Computer Hardware*
(millions of rubles)

	1965	1970	1975	1976	1977	1978
Instruments, automation equipment and spare parts for them (excluding instruments for medicine, physiology and biology)--total. .	1218	2273	$\frac{4114}{3168}$	3530	3938	4414
including:						
optical-mechanical instruments and apparatus	212	332	$\frac{520}{459}$	509	566	629
electrical measuring instruments.	159	314	$\frac{624}{459}$	509	573	622
instruments for monitoring and regulating technological processes	325	565	$\frac{1044}{823}$	907	1012	1113
instruments for physics research.	77	121	$\frac{173}{139}$	145	145	160
instruments for measuring mechanical values.	116	197	$\frac{352}{304}$	335	373	414
time instruments.	164	281	$\frac{504}{393}$	442	503	598
instruments for the mechanization and automation of managerial, engineering and technical labor	64	238	$\frac{422}{198}$	206	224	247
Computer hardware and spare parts for it. .	138	710	$\frac{2935}{1921}$	2266	2807	3400

* Here and in other tables the data on the production, which is taken into account in value terms, for 1975 are cited in two prices: in the numerator--in the wholesale prices of enterprises on 1 July 1967, in which the data on the production for the preceding years are also cited; in the denominator--in the wholesale prices of enterprises on 1 January 1975, in which the production beginning in 1976 is taken into account.

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Production of Metalworking Equipment

Years	Machine tools		Of total number of machine tools, machine tools with numerical control, units	Forge and press machinery		Automatic and semi-automatic lines for machine building and metalworking, sets
	thousands of units	millions of rubles		thousands of units	millions of rubles	
1913						
within the boundaries of the USSR prior to 17 January 1939.	1.5		--			--
within the present boundaries of the USSR	1.8		--			--
1928	2.0			0.1		
1932	19.7		--	1.1		--
1937	48.5		--	3.1		--
1940	58.4	67.8	--	4.7	6.5	1
1945	38.4	55.5	--	2.9	2.8	--
1950	70.6	94.7	--	7.7	15.9	10
1955	117	230	--	17.1	67.4	115
1960	156	419	16	29.9	129	174
1965	186	638	49	34.6	161	228
1970	202	978	1588	41.3	246	579
1975*	231	<u>1493</u>	5545	50.5	<u>398</u>	736
		1359			379	
1976	233	1463	6131	51.9	433	739
1977	238	1612	6552	54.4	464	833
1978	238	1758	7365	55.5	507	838

* See the footnote to the table on page 144.

Production of Equipment for Various Sectors of Industry

	1913	1940	1965	1970	1975	1976	1977	1978
Metallurgical equipment, thousands of tons:								
blast furnace equipment.	--	7.0	83.9	111	124	124	127	131
steel smelting equipment	--	6.5	37.2	50.7	63.4	67.2	71.7	70.7
rolling equipment (including machinery and equipment for continuous casting of blanks).	1.0	10.2	121	152	154	174	173	165

/Table continued on following page/

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	1913	1940	1965	1970	1975	1976	1977	1978
Coal working combines, units. . .	--	22	998	1130	1119	1197	1162	1209
Tunneling combines, units. . . .	--	--	141	327	510	517	526	544
Cutters, units.	--	1256	202	115	90	61	75	61
Mine loading machines, units. . .	--	194	2802	2459	2807	3064	3118	3113
Mine electric locomotives, units.	--	511	2411	2548	2605	2671	2694	2674
Petroleum equipment, thousands of tons.	--	15.5	139	118	135	164	171	180
Deep-well pumps, thousands of units.	--	31.9	92.8	77.0	85.1	86.1	83.2	95.0
Turbodrills, sections.	--	90	8439	6562	9780	9354	9700	9016
Electric drills, units.	--	--	220	115	97	108	96	81
Drilling rigs for production and deep exploratory drilling, sets .	--	129	520	480	544	511	503	505
Pumps (except deep-well), thou- sands of units.	--	27.0	774	1160	1378	1419	1481	1438
Air and gas power compressors, thousands of units.	--	4.8	66.0	89.5	112	120	126	129
Industrial refrigeration units, thousands of sets.	--	1.1	142	238	360	382	400	395
Oxygen and rare gas plants, sets.	--	--	459	259	344	366	378	396
Paper-making equipment and spare parts for it,* millions of rubles	--	--	42	84	$\frac{143}{135}$	144	152	151
Industrial fittings, millions of units.	--	--	54	75	86	90	92	91

* See the footnote to the table on page 144.

Production of Technological Equipment for Light, Food and Printing Industry
and Enterprises of Trade and Public Dining

	1965	1970	1975*	1976	1977	1978
Technological equipment and spare parts for it for light industry, millions of rubles.	281	430	$\frac{691}{593}$	622	669	711
Technological equipment and spare parts for it for the textile industry, mil- lions of rubles.	180	265	$\frac{476}{403}$	424	454	483
carding machines for cotton industry, thousands of units.	3.8	5.2	2.5	2.3	2.0	1.9
spinning machines, thousands of units	3.2	4.0	5.4	5.0	5.2	5.0
winding machines (excluding silk winding machines), units.	566	352	617	680	700	722
looms, thousands of units.	24.3	19.8	31.3	30.9	25.4	21.2

* See the footnote to the table on page 144.

/Table continued on following page/

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	1965	1970	1975*	1976	1977	1978
Technological equipment and spare parts for it for the knitted wear industry, millions of rubles.	19.5	36.0	$\frac{43.7}{35.4}$	37.7	43.1	44.7
automatic round hosiery and sock machines, thousands of units. . . .	3.2	3.1	2.9	3.2	3.8	3.5
Technological equipment and spare parts for it for the sewing industry, millions of rubles.	28.7	47.9	$\frac{70.8}{59.5}$	62.8	66.6	69.2
industrial sewing machines, thousands of units.	105	129	148	154	157	158
Dyeing and trimming equipment and spare parts for it, millions of rubles.	18.5	29.2	$\frac{36.1}{35.6}$	38.8	42.5	45.2
Technological equipment and spare parts for it for the leather shoe, fur and fancy leather goods industry, millions of rubles.	13.8	24.5	$\frac{29.0}{27.3}$	26.6	28.7	30.4
Technological equipment and spare parts for it for the food industry, millions of rubles.	223	344	$\frac{501}{451}$	482	511	526
automated plate pasteurizing and cooling units with a productivity of 3,000 l/hr and more, sets. . . .	871	2187	2661	2452	3367	3411
lines of equipment for washing bottles, pouring milk and sour milk into them and capping with a productivity of 2,000-12,000 bottles an hour, sets.	89	329	79	115	160	200
Printing equipment and spare parts for it, millions of rubles.	35.3	50.4	$\frac{60.7}{58.8}$	62.7	66.7	71.6
linotype machines, units.	1314	1626	1019	1094	1023	1108
printing machines, units.	1512	2293	2017	1861	1951	1178
Technological equipment and spare parts for it for enterprises of trade and public dining, millions of rubles. .	127	265	$\frac{431}{338}$	350	357	359

* See the footnote to the table on page 144.

Production of Materials-Handling Equipment
(units)

	1940	1965	1970	1975	1976	1977	1978
Electric overhead cranes (including special cranes).	302	6764	5740	6523	6865	6659	6670
Railroad cranes.	258	463	493	499	515	514	520
Truck cranes.	139	11141	15397	19681	20162	21160	21402
Tower cranes.	57	3455	3925	4641	4659	4117	4235
Pneumatic tire cranes.	--	1236	1963	2442	2504	2572	2575
Elevators.	513	8639	18107	25218	27353	28859	30946

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Production of Construction and Road Machinery
(thousands of units)

	1940	1965	1970	1975	1976	1977	1978
Excavators--total.	0.3	21.6	30.8	39.0	40.4	41.5	41.1
single-bucket.	0.2	19.9	28.0	35.5	36.6	38.0	37.7
multi-bucket.	0.1	1.7	2.8	3.5	3.8	3.5	3.4
Bulldozers	0.1	20.1	33.5	51.1	49.1	52.3	45.3
Scrapers	2.1	7.3	9.8	14.5	14.1	12.9	11.8
Road graders	--	4.2	4.6	6.5	6.8	6.9	6.6

Production of Locomotives and Cars

	1913	1940	1965	1970	1975	1976	1977	1978
Main line diesel engines:								
sections.	--	5	1485	1485	1375	1455	1344	1392
thousands of hp	--	5	3287	3794	3867	4050	3705	3846
Main line electric locomotives:								
units	--	9	641	323	395	410	423	438
thousands of hp	--	29	3902	2428	2972	3163	3306	3475
Main line freight cars, thousands of units.	12.9	30.9	39.6	58.2	69.9	71.9	71.2	68.3
Main line passenger cars, units	1507	1051	1991	1791	2090	2078	2110	2124
Streetcars, units.	405	252	1245	783	1065	1113	1057	1100
Subway cars, units.	--	6	140	250	300	308	286	297

Production of Motor Vehicles

Years	Total, thousands of units	including			
		trucks		passenger	buses
		thousands of units	total carrying capacity, thou- sands of tons	cars	
1913	0.1	--	--	0.1	--
1928	0.84	0.74	--	0.05	0.05
1932	23.88	23.75	--	0.03	0.1
1937	199.9	180.3	--	18.3	1.3
1940	145.4	136.0	296	5.5	3.9
1945	74.7	68.6	170	5.0	1.1
1946	102.2	94.6	--	6.3	1.3
1950	362.9	294.4	857	64.6	3.9
1955	445.3	328.1	1066	107.8	9.4
1960	523.6	362.0	1247	138.8	22.8
1965	616.3	379.6	1377	201.2	35.5
1970	916.1	524.5	2266	344.2	47.4
1975	1964	696	2900	1201	67.0
1976	2025	716	3056	1239	70.1
1977	2088	734	3320	1280	74.6
1978	2151	762	3429	1312	77.4

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In prerevolutionary Russia the production of motor vehicles began in 1910 at the Russian Baltic Plant. In 1910 10 passenger cars were produced, while in six years--from 1910 to 1915--451 passenger cars and 10 trucks were manufactured.

Production of Trolleybuses

Years	Units	Years	Units
1913	--	1965	1540
1940	74	1970	2238
1945	--	1975	1900
1946	16	1976	1993
1950	171	1977	1960
1955	360	1978	2256
1960	610		

Production of Truck Trailers

Years	Thousands of units	Years	Thousands of units
1932	0.01	1960	64.5
1937	14.1	1965	92.9
1940	40.5	1970	124
1945	9.3	1975	156
1946	14.3	1976	157
1950	44.0	1977	162
1955	80.8	1978	165

Production of Roller Bearings

Years	Millions of units	Years	Millions of units
1932	2.0	1960	370
1937	40.1	1965	525
1940	44.8	1970	673
1945	34.2	1975	907
1946	31.4	1976	953
1950	93.3	1977	987
1955	218	1978	1015

Production of Tractors

Years	Thousands of units	Total horsepower of engines, millions of hp	Years	Thousands of units	Total horsepower of engines, millions of hp
1928	1.3	0.03	1955	163	7.4
1932	48.9	1.4	1960	239	11.4
1937	51.0	2.0	1965	355	21.0
1940	31.6	1.5	1970	459	29.4
1945	7.7	0.4	1975	550	41.4
1946	13.3	0.7	1976	562	44.0
1950	117	5.5	1977	569	45.4
			1978	576	47.0

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The production of tractors in the USSR began in 1923, during which two tractors were produced.

Production of Tractor Trailers

Years	Thousands of units	Years	Thousands of units
1955	4.6	1975	290
1960	56.7	1976	299
1965	132	1977	299
1970	296	1978	305

Production of Agricultural Machinery

	1913	1940	1965	1970	1975	1976	1977	1978
Agricultural machinery,* millions of rubles.	--	--	1496	2121	3770 3658	3894	4088	4414
Main types of agricultural machinery, thousands of units:								
Tractor plows.	--	38.4	166	212	205	202	185	216
including mounted.	--	--	54.1	124	144	144	131	147
Tractor stubble breakers	--	12.8	44.0	38.3	32.6	30.5	33.3	31.8
Tractor disc harrows	--	3.8	18.4	22.8	32.1	32.1	33.3	29.6
Tractor seeding machines	--	21.4	262	163	180	191	197	199
including mounted.	--	--	28.3	39.6	56.8	59.4	58.8	48.6
Tractor potato planters.	--	3.6	16.1	18.0	9.1	10.5	11.0	11.5
Tractor cultivators.	--	32.3	206	219	188	190	187	193
including mounted.	--	1.3	83.6	114	122	126	120	125
Tractor sprayers and dusters . .	--	2.9	26.9	31.2	33.1	37.1	37.8	41.7
Windrow harvesters	--	--	97.8	47.7	92.1	93.6	92.7	95.9
Grain harvesting combines. . . .	--	12.8	85.8	99.2	97.5	102	106	113
Potato harvesting combines . . .	--	--	4.9	7.0	9.4	9.9	9.9	9.9
Sugar beet harvesting combines .	--	--	17.5	9.1	17.1	14.4	14.6	14.9
Corn harvesting combines	--	--	6 units	5.1	10.3	11.2	11.3	10.0
Cotton harvesting machines . . .	--	5 units	7.7	5.9	7.6	8.0	8.7	8.8
Sprinkling machines.	--	--	14.3	12.3	27.1	28.4	27.5	26.0
Tractor mowers	--	3.3	122	144	83.9	89.4	97.2	109
including mounted.	--	--	53.9	99.2	73.8	73.9	81.8	96.4
Tractor rakes.	--	0.9	39.9	61.7	46.1	42.5	46.7	48.3
Pick-up balers	--	--	7.0	15.8	28.1	30.2	28.7	28.7
Silage harvesting combines . . .	--	--	20.0	34.3	70.9	56.0	56.7	48.0
General-purpose agricultural loaders.	--	--	68.7	78.2	90.1	94.7	96.2	93.2
Fodder mills	--	--	17.6	14.2	33.2	35.1	36.6	32.2
Automatic waterbowls for cattle.	--	--	3831	5305	5169	4960	4869	4880
Milking machines	--	--	6.7	39.2	53.3	53.1	54.9	53.4

* See the footnote to the table on page 144.

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Production of Electric Welding Equipment and Welding Work

	1965	1970	1975	1976	1977	1978
Production of electric welding equipment, thousands of units.	198	253	303	305	303	317
Production of equipment and apparatus for gas-flame treatment of metal and bonding of items,* millions of rubles	13.0	30.1	<u>53.1</u> 41.4	44.4	45.7	48.4
Performance and mechanization of welding and fusing work:						
production of welded components, millions of tons.	36.3	50.5	67.0	69.0	70.0	72.4
performance of fusing work, thousands of tons of fused metal.	44.4	48.7	62.0	65.0	67.0	70.0
Proportion of work performed using automatic and semi-automatic welding equipment and machines, percent:						
welding work.	46.0	54.4	54.3	53.8	54.2	53.8
fusing work.	41.5	46.1	50.3	50.8	51.0	51.0

* See the footnote to the table on page 144.

Timber, Wood Processing and Pulp and Paper Industry

Timber Logging
(millions of solid m³)

Years	All timber	including	
		commercial timber	fire- wood
1913			
within the boundaries of the USSR			
prior to 17 September 1939.	60.6	27.2	33.4
within the present boundaries of the USSR	67.0	30.5	36.5
1928.	61.7	36.0	25.7
1932.	164.7	99.4	65.3
1937.	209.0	114.2	94.8
1940.	247.0	118.3	128.7
1945.	168.4	61.6	106.8
1946.	185.5	80.3	105.2
1950.	266.0	161.0	105.0
1955.	333.9	212.1	121.8
1960.	369.5	261.5	108.0
1965.	378.9	273.8	105.1
1970.	385.0	298.5	86.5
1975.	395.1	312.9	81.7
1976.	384.5	302.1	79.4
1977.	376.7	296.0	79.4
1978.	361.4	283.6	77.9

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Timber Logging by Union Republics
(thousands of solid m³)

	1913			1940			1965			1970		
	All	including	timber	All	including	timber	All	including	timber	All	including	commercial
USSR.	66990	30520	246962	118284	378906	273834	385019	298548				
RSFSR	54530	24020	215746	101750	346074	252123	353991	276767				
Ukrainian SSR	4470	2660	7768	5210	12529	9704	9271	7030				
Belorussian SSR	4200	2220	10208	6108	7183	4884	6262	4707				
Uzbek SSR	--	--	165	10	64	5	67	1				
Kazakh SSR.	300	80	2104	713	2039	1232	1901	1245				
Georgian SSR.	170	60	939	323	1009	557	651	408				
Azerbaijan SSR.	60	20	185	89	222	86	160	59				
Lithuanian SSR.	960	430	3900	1638	2530	1277	2685	1519				
Moldavian SSR	180	50	57	8	184	79	237	110				
Latvian SSR	1220	450	3969	1344	4991	2659	7307	5012				
Kirgiz SSR.	30	10	261	137	40	22	41	22				
Tadzhik SSR	--	--	82	1	21	2	22	3				
Armenian SSR.	30	10	110	39	106	65	74	46				
Turkmen SSR	30	--	120	--	62	--	9	--				
Estonian SSR.	810	510	1348	914	1852	1139	2341	1619				

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	1975		1976		1977		1978	
	All timber	including commercial	All timber	including commercial	All timber	including commercial	All timber	including commercial
USSR.	395054	312902	384531	302114	376660	295952	361420	283555
RSFSR	366915	292024	356424	280817	348621	274500	333799	262338
Ukrainian SSR	9634	7715	9499	7846	9815	8135	9956	8210
Belorussian SSR	6190	5054	6394	5243	6251	5277	6176	5286
Uzbek SSR	60	--	80	--	56	--	69	--
Kazakh SSR.	2210	1584	2203	1664	2144	1602	2204	1657
Georgian SSR.	564	345	518	319	473	315	472	329
Azerbaijan SSR.	119	68	95	50	86	39	94	35
Lithuanian SSR.	2685	1835	2652	1875	2599	1843	2544	1836
Moldavian SSR	206	97	165	71	171	75	149	73
Latvian SSR	3937	2287	3871	2220	3862	2182	3771	2151
Kirgiz SSR.	39	19	40	18	41	17	37	14
Tadzhik SSR	25	4	21	3	20	--	21	3
Armenian SSR.	58	39	64	39	67	40	61	38
Turkmen SSR	5	--	5	--	3	--	3	--
Estonian SSR.	2407	1831	2500	1949	2451	1927	2074	1585

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Production of Lumber and Plywood

Years	Lumber, millions of m ³	Plywood, thousands of m ³	Years	Lumber, millions of m ³	Plywood, thousands of m ³
1913			1940.	35.4	782
within the			1945.	14.7	192
boundaries of			1946.	19.6	252
the USSR prior			1950.	49.5	657
to 17 Septem-			1955.	75.6	1049
ber 1939. . .	11.9	130	1960.	106	1354
within the			1965.	111	1756
present bound-			1970.	116	2045
aries of the			1975.	116	2196
USSR.	14.2	204	1976.	113	2174
1928.	13.6	185	1977.	109	2178
1932.	24.4	424	1978.	106	2122
1937.	33.8	679			

Production of Lumber by Union Republics
(thousands of m³)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	14190	35438	110975	116391	116169	112580	109459	106275
RSFSR	10317	28755	89924	91829	93513	90817	89049	86435
Ukrainian SSR . . .	1439	2981	9036	10377	9479	8912	8297	8066
Belorussian SSR . .	770	1635	2762	3070	3171	3161	3030	2951
Uzbek SSR	--	30	630	709	579	537	502	476
Kazakh SSR.	--	320	2694	2551	2645	2674	2474	2445
Georgian SSR. . . .	86	258	633	659	577	526	544	540
Azerbaijan SSR. . .	--	77	403	386	331	318	273	260
Lithuanian SSR. . .	384	427	1044	1313	1098	1087	1041	966
Moldavian SSR . . .	9	19	540	624	526	469	436	371
Latvian SSR	977	488	1205	1352	999	934	863	837
Kirgiz SSR.	--	54	441	335	288	281	241	261
Tadzhik SSR	--	13	229	262	210	202	193	158
Armenian SSR. . . .	--	52	236	197	128	109	98	102
Turkmen SSR	--	12	171	237	121	104	92	77
Estonian SSR. . . .	208	317	730	798	796	779	733	707

Production of Wood-Fiber and Splint-Slab Boards

Years	Wood-fiber boards, mil- lions of m ³	Splint-slab boards, thou- sands of m ³	Years	Wood-fiber boards, mil- lions of m ³	Splint-slab boards, thou- sands of m ³
1940	4.1		1970	208	1991
1950	6.2		1975	409	3994
1955	16.5		1976	434	4222
1960	67.6	161	1977	459	4590
1965	138	798	1978	462	4777

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Production of Pulp, Paper and Cardboard
(thousands of tons)

Years	Pulp (excluding chemical wood pulp)	Paper and cardboard	including	
			paper	cardboard
1913				
within the boundaries of the USSR prior to 17 September 1939. . .	41	226	197	29
within the present boundaries of the USSR	258	310	269	41
1928	86	332	285	47
1932	185	544	471	73
1937	426	976	832	144
1940	592	991	838	153
1945	276	377	321	56
1946	328	614	514	100
1950	1100	1485	1180	305
1955	1742	2408	1848	560
1960	2282	3227	2334	893
1965	3234	4680	3231	1449
1970	5110	6701	4185	2516
1975	6815	8583	5215	3368
1976	7204	8916	5389	3527
1977	7448	9064	5459	3605
1978	7581	9236	5548	3688

Production of Paper by Types
(thousands of tons)

	1965	1970	1975	1976	1977	1978
Paper--total.	3231	4185	5215	5389	5459	5548
including:						
newsprint	744	1101	1361	1390	1388	1432
printing paper.	273	283	394	420	420	430
writing paper	317	323	360	363	366	375
punch card paper.	15.5	35.9	48.1	49.1	47.9	46.4
wrapping (common) paper	496	683	803	786	762	779

Production of Paper by Union Republics
(thousands of tons)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	269	838	3231	4185	5215	5389	5459	5548
RSFSR	161	691	2659	3476	4317	4496	4545	4629
Ukrainian SSR	26.9	28	166	187	235	245	250	250

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	1913	1940	1965	1970	1975	1976	1977	1978
Belorussian SSR.	21.3	51	90	103	178	175	178	188
Uzbek SSR.	--	1.9	17	23	26.1	26.1	26.3	26
Kazakh SSR.	--	--	--	--	18.3	7.2	11	14.8
Georgian SSR.	--	9.7	32	36	33	33	35.4	36.6
Lithuanian SSR.	7.4	11	72	102	119	122	124	122
Latvian SSR.	29.5	24	98	148	174	169	169	162
Armenian SSR.	--	--	2	5	11.1	12	14	14
Estonian SSR.	22.9	21.6	95	105	103	104	106	106

Construction Materials Industry

Production of Cement

Years	Thousands of tons	Years	Thousands of tons
1913		1940.	5773
within the		1945.	1845
boundaries of		1946.	3373
the USSR prior		1950.	10194
to 17 Septem-		1955.	22484
ber 1939. . .	1520	1960.	45520
with the pres-		1965.	72388
ent boundaries		1970.	95248
of the USSR .	1777	1975.	122057
1928.	1850	1976.	124246
1932.	3478	1977.	127056
1937.	5454	1978.	126956

Production of Cement by Brands in 1978
(thousands of tons)

	Brand of cement					Average brand of cement, kg/cm ²
	300	400	500	550	600	
Cement--total.	18267	77975	24617	565	518	407
including Portland . . .	988	57788	24326	565	518	430

Use of Equipment in Cement Industry

	1940	1965	1970	1975	1976	1977	1978
Hourly productivity, tons:							
rotating cement ovens.	7.8	21.4	25.3	30.4	31.0	31.6	32.4
cement mills	10.0	22.9	25.8	28.9	29.3	29.8	30.6
Utilization ratio (with respect to available calendar time):							
rotating cement ovens.	0.51	0.89	0.88	0.88	0.87	0.87	0.86
cement mills	0.54	0.77	0.80	0.79	0.78	0.77	0.76

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Production of Precast Reinforced Concrete Components and Parts
and Wall Materials

	1965	1970	1975	1976	1977	1978
Precast reinforced concrete components and parts, thousands of m ³ of items.	56106	84561	114161	118702	121174	123196
including with prestressed reinforcement	10045	19330	27167	28269	28339	28766
Wall materials, millions of units of conventional brick . .	46560	56891	62997	62779	61859	61198
including construction brick.	36574	43153	47212	46447	45431	44678
of it burnt bricks.	28177	32378	33726	32477	31189	30095

Production of Roofing Materials

Years	Soft roofing materials and insulation, millions of m ²	Asbestos-cement sheets (shingle), millions of conventional tiles	Tile, millions of m ² of covering surface
1913			
within the boundaries of the USSR prior to 17 September 1939.	8.8	9.0	1.9
within the present boundaries of the USSR	10.2	9.0	2.1
1928	19.2	38.5	--
1932	66.0	112	3.7
1937	161	187	8.9
1940	130	212	10.5
1945	71.2	83.6	1.8
1946	126	170	3.8
1950	286	546	13.1
1955	504	1488	28.3
1960	750	2991	51.1
1965	1083	4162	20.3
1970	1334	5840	8.7
1975	1760	7840	1.9
1976	1885	8114	1.2
1977	1838	7340	0.8
1978	1868	7262	0.8

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Production of Linoleum

Years	Millions of m ²	Years	Millions of m ²
1955	5.0	1975	71.9
1960	13.3	1976	78.7
1965	31.2	1977	80.0
1970	57.4	1978	85.2

Production of Ceramic Items

	1965	1970	1975	1976	1977	1978
Ceramic floor tiles, millions of m ²	15.3	19.5	23.7	23.5	24.0	25.1
Glazed ceramic tiles for interior finish with molded parts, millions of m ²	12.3	17.2	24.1	25.4	27.3	28.9
Acid-proof ceramic items, thousands of tons.	364	444	601	622	631	633
Construction porcelain, semiporcelain and earthenware, millions of units	5.7	7.3	8.9	9.1	9.2	9.5

Production of Window Glass

Years	Millions of m ²	Years	Millions of m ²
1913		1945.	23.3
within the boundaries of the USSR prior to 17 September 1939. . .	23.7	1946.	39.9
within the present boundaries of the USSR. . .	24.7	1950.	76.9
1928	34.2	1955.	99.8
1932	29.5	1960.	147
1937	79.3	1965.	190
1940	45.7	1970.	231
		1975.	269
		1976.	267
		1977.	269
		1978.	266

Light Industry

Growth Rate of Total Production Volume by Sectors of Light Industry in
1970-1978
(1970 = 100)

	1970	1975	1976	1977	1978
Light industry.	100	125	130	135	140
Textile industry.	100	136	130	134	139
Ginning	100	133	130	135	138

/Table continued on following page/

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	1970	1975	1976	1977	1978
Cotton.	100	114	116	118	122
Flax.	100	103	107	110	108
Wool.	100	129	134	140	146
Silk (including silk winding)	100	157	169	178	194
Knitted wear.	100	133	139	145	152
Sewing industry	100	125	132	138	143
Leather, fur and shoe industry.	100	123	128	133	138
Production of natural leathers.	100	96	98	101	102
Production of artificial leathers and film materials.	100	155	160	166	176
Fur	100	146	153	159	163
Shoe.	100	113	118	123	130

Production of Most Important Items of Light Industry

	1913	1940	1965	1970	1975	1976	1977	1978
Cotton fiber, thousands of tons.	223	849	1835	2129	2649	2589	2697	2731
Cotton seeds, thousands of tons.	--	1580	3104	3479	4827	4509	4693	4804
Raw silk, tons.	380	1816	2645	3020	3461	3414	3555	3585
Cotton yard, thousands of tons.	271*	655	1292	1435	1573	1583	1597	1627
Wool yarn, thousands of tons.	46.5*	84.7	236	350	417	429	437	447
Flax yarn, thousands of tons.	53.3*	114	209	252	260	268	269	268
Fabrics--total:								
millions of running m . .	3006	4546	9127	10134	10919	11134	11191	11379
millions of m ²	2194	3320	7498	8852	9956	10280	10407	10654
cotton fabrics:								
millions of running m . .	2672	3970	7077	7482	7810	7899	7902	8049
millions of m ²	1817	2715	5499	6152	6634	6779	6811	6967
wool fabrics:								
millions of running m . .	108	122	365	496	552	567	574	579
millions of m ²	138	155	466	643	740	764	773	781
linen fabrics:								
millions of running m . .	121	289	587	725	768	781	787	796
millions of m ²	121	272	548	707	779	807	817	830
silk fabrics:								
millions of running m . .	43	80	937	1241	1517	1588	1609	1619
millions of m ²	35	67	801	1146	1508	1599	1648	1695
Garments,** billions of rubles	--	--	9.0	16.0	<u>19.0</u> 18.7	19.8	20.6	21.4

*Within the boundaries of the USSR prior to 17 September 1939.

**See the footnote to the table on page 144.

/Table continued on following page/

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	1913	1940	1965	1970	1975	1976	1977	1978
Hosiery and socks, millions of pair	--	489	1350	1338	1495	1540	1564	1596
Knitted underwear, millions of units	--	127	715	814	955	990	1038	1080
Knitted outerwear, millions of units	--	58.9	188	415	466	472	474	474
Leather shoes, millions of pair	68	212	486	679	698	724	736	740
Fulled shoes (including felt), millions of pair	--	18.0	33.3	31.8	30.1	29.2	28.6	27.8
Rubber footwear, millions of pair	38.9	71.4	161	173	205	203	197	195
Rugs and carpet items, millions of m ²	--	--	19.6	30.3	47.5	52.2	62.9	67.8

Production of Fabrics

Years	Fabrics-- total	including				hemp and jute
		cotton	wool	linen	silk	
Millions of running m						
1913						
within the boundaries of the USSR prior to 17 September 1939. . . .	2910	2582	103	120	43	62
within the present bound- aries of the USSR. . . .	3006	2672	108	121	43	62
1928	3010	2678	87	174	10	61
1932	2987	2694	89	134	21	49
1937	3993	3448	100	285	59	93
1940	4546	3970	122	289	80	85
1945	1822	1616	54	106	36	9
1946	2149	1901	71	112	49	16
1950	4522	3899	155	282	130	56
1955	7077	5904	252	305	526	90
1960	8226	6387	342	559	810	127
1965	9127	7077	365	587	937	128
1970	10134	7482	496	725	1241	108
1975	10919	7810	552	768	1517	121
1976	11134	7899	567	781	1588	130
1977	11191	7902	574	787	1609	130
1978	11379	8049	579	796	1619	130

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Years	Fabrics-- total	including				hemp and jute
		cotton	wool	linen	silk	
Millions of m ²						
1913						
within the boundaries of the USSR prior to 17 September 1939. . . .	2125	1756	132	120	35	81
within the present bound- aries of the USSR. . . .	2194	1817	138	121	35	81
1928	2198	1821	112	177	8	80
1932	2164	1832	114	136	18	64
1937	3013	2431	139	274	49	120
1940	3320	2715	155	272	67	111
1945	1353	1149	65	98	29	12
1946	1590	1338	87	105	39	21
1950	3374	2745	193	257	106	73
1955	5347	4227	316	272	415	117
1960	6636	4838	439	516	675	168
1965	7498	5499	466	548	801	158
1970	8852	6152	643	707	1146	126
1975	9956	6634	740	779	1508	143
1976	10280	6779	764	807	1599	153
1977	10407	6811	773	817	1648	153
1978	10654	6967	781	830	1695	152

Production of Nonwoven Materials
(millions of running m)

	1950	1965	1970	1975	1976	1977	1978
Nonwoven materials--total. . . .	1.6	102	205	326	352	381	416
including those like fabrics . --	--	32.4	82.3	151	168	189	207

Production of Cotton Fiber by Union Republics
(thousands of tons)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	223	849	1835	2129	2649	2589	2697	2731
including:								
Uzbek SSR	177.7	534	1237	1384	1659	1673	1760	1768
Kazakh SSR. . . .	1.9	32.9	70.4	96.6	113.5	94.6	104.3	102.3
Azerbaijan SSR. .	22.4	58.2	118.5	131.4	177.8	153.4	168.1	165.5
Kirgiz SSR. . . .	0.5	27.9	60.0	59.2	69.8	68.5	70.5	68.7
Tadzhik SSR . . .	0.6	60.9	195.0	235.0	278.4	274.4	267.2	277.9
Turkmen SSR . . .	17.7	71.5	150.3	222.7	350.1	325.5	326.7	348.5

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Production of Raw Silk by Union Republics
(tons)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	380	1816	2645	3020	3461	3414	3555	3585
including:								
Ukrainian SSR	--	--	150	167	176	172	167	138
Uzbek SSR	--	693	936	1172	1399	1430	1582	1633
Georgian SSR.	7	312	345	424	441	436	426	406
Azerbaijan SSR.	102	292	358	409	512	484	495	517
Moldavian SSR	--	--	111	127	125	121	125	123
Kirgiz SSR.	--	84	109	123	124	127	124	120
Tadzhik SSR	--	254	313	322	355	326	307	337
Armenian SSR.	12	21	51	47	54	51	50	49
Turkmen SSR	--	149	272	229	275	267	279	262

Production of Hosiery and Socks by Union Republics
(millions of pair)

	1940	1965	1970	1975	1976	1977	1978
USSR.	489	1350	1338	1495	1540	1564	1596
RSFSR	278.8	651.3	570.5	600.0	619.4	633.6	642.4
Ukrainian SSR	79.4	270.5	282.7	323.9	330.7	336.2	341.1
Belorussian SSR	81.0	102.1	109.8	129.3	132.7	135.5	137.1
Uzbek SSR	8.6	29.4	30.1	36.6	38.1	39.3	41.2
Kazakh SSR.	0.2	42.2	56.3	66.5	67.2	67.2	68.1
Georgian SSR.	2.8	12.6	15.7	24.3	25.4	22.2	23.4
Azerbaijan SSR.	20.9	34.5	24.9	28.1	31.1	33.6	38.1
Lithuanian SSR.	2.0	58.2	73.3	84.2	86.5	86.1	87.0
Moldavian SSR	--	23.5	29.0	32.2	33.6	34.0	34.7
Latvian SSR	3.3	37.3	58.3	64.7	65.8	66.2	67.1
Kirgiz SSR.	0.3	8.6	7.5	11.8	12.2	12.6	13.1
Tadzhik SSR	0.2	16.2	25.5	28.3	28.2	28.8	29.3
Armenian SSR.	9.8	49.3	42.0	47.9	52.1	51.5	55.2
Turkmen SSR	0.6	4.9	3.8	4.0	3.6	3.7	4.1
Estonian SSR.	1.6	9.3	8.3	13.0	13.3	13.6	13.8

Production of Knitted Underwear by Union Republics
(millions of units)

	1940	1965	1970	1975	1976	1977	1978
USSR.	127	715	814	955	990	1038	1080
RSFSR	60.5	326.8	346.9	388.3	397.3	417.6	438.4
Ukrainian SSR	30.3	147.2	147.0	194.3	201.4	205.4	206.5
Belorussian SSR	17.5	42.2	51.8	64.0	72.6	84.8	91.4
Uzbek SSR	2.5	16.6	21.4	29.8	29.8	30.1	31.0
Kazakh SSR.	0.1	30.1	37.4	47.2	50.6	55.0	59.6

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	1940	1965	1970	1975	1976	1977	1978
Georgian SSR.	2.4	17.7	20.5	20.1	21.5	21.7	22.5
Azerbaijan SSR.	5.3	12.7	15.9	18.6	18.4	18.6	18.6
Lithuanian SSR.	0.8	25.4	43.3	43.2	43.5	43.8	44.4
Moldavian SSR.	0.0	8.6	24.0	44.7	45.9	46.6	46.4
Latvian SSR.	3.2	25.3	27.7	25.1	24.1	24.3	25.3
Kirgiz SSR.	0.1	8.3	10.3	11.8	12.0	12.2	12.2
Tadzhik SSR.	0.5	4.7	5.7	5.8	5.9	5.9	6.2
Armenian SSR.	2.0	36.7	44.6	46.5	51.4	54.5	60.2
Turkmen SSR.	0.5	5.4	4.2	4.8	5.1	5.4	5.5
Estonian SSR.	1.3	7.1	13.7	10.9	11.0	11.7	12.0

Production of Knitted Outerwear by Union Republics
(millions of units)

	1940	1965	1970	1975	1976	1977	1978
USSR.	58.9	188	415	466	472	474	474
RSFSR	40.2	101.4	201.9	215.0	216.0	211.4	208.8
Ukrainian SSR	12.0	32.6	71.0	73.4	76.3	77.9	78.2
Belorussian SSR	1.2	9.9	31.0	39.1	39.9	38.7	38.4
Uzbek SSR	1.0	5.4	11.0	13.2	14.8	17.2	17.7
Kazakh SSR.	0.2	7.0	23.9	27.7	27.3	28.3	29.6
Georgian SSR.	1.5	4.9	9.6	14.1	13.6	14.9	15.4
Azerbaijan SSR.	0.7	1.2	4.6	8.9	10.4	11.3	12.5
Lithuanian SSR.	0.3	6.7	12.8	14.5	14.5	14.7	15.0
Moldavian SSR	0.1	2.6	5.7	7.7	7.8	7.8	8.1
Latvian SSR	0.2	6.5	12.6	19.1	18.5	18.2	17.9
Kirgiz SSR.	0.1	2.3	5.4	6.5	6.2	5.9	5.7
Tadzhik SSR	0.0	0.0	3.6	3.7	3.8	4.1	4.4
Armenian SSR.	1.0	4.1	15.4	15.4	16.0	16.4	15.2
Turkmen SSR	0.2	0.8	2.0	1.8	1.8	1.9	2.0
Estonian SSR.	0.2	2.5	4.7	5.5	5.3	5.2	5.4

Production of Fur Items

	1965	1970	1975	1976	1977	1978
Coats and jackets for adults, thousands of units.	739	1483	1826	2316	2602	2910
including from fake fur . . .	345	1147	1487	1886	2143	2427
Children's coats, thousands of units	2326	2243	1629	1916	1687	1545
including from fake fur . . .	359	652	496	610	598	607
Collars, millions of units. . .	16.9	24.7	25.4	24.7	23.4	23.0
Headwear, millions of units . .	26.0	33.0	42.2	47.9	38.2	41.4
including from fake fur . . .	6.5	9.0	9.2	9.4	8.4	10.3

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Production of Leather Shoes

Years	Millions of pair	Years	Millions of pair
1913		1945.	63.1
within the bound- aries of the USSR prior to 17 Sep- tember 1939. . .	60.0	1946.	81.2
within the pres- ent boundaries of the USSR. . .	68.0	1950.	203
1928	58.0	1955.	271
1932	86.9	1960.	419
1937	183	1965.	486
1940	212	1970.	679
		1975.	698
		1976.	724
		1977.	736
		1978.	740

Production of Leather Shoes by Union Republics
(millions of pair)

	1940	1965	1970	1975	1976	1977	1978
USSR.	212	486	679	698	724	736	740
RSFSR	141.3	267.2	350.0	338.7	351.7	357.0	357.5
Ukrainian SSR	40.8	95.3	148.9	165.3	170.2	172.9	174.0
Belorussian SSR	9.8	27.9	37.5	41.7	42.3	42.0	41.8
Uzbek SSR	3.8	14.1	18.4	25.0	26.2	27.1	28.1
Kazakh SSR.	1.2	15.0	27.8	30.3	31.1	31.2	31.1
Georgian SSR.	8.7	11.1	14.6	13.4	14.2	14.8	15.1
Azerbaijan SSR.	2.1	8.1	10.7	14.6	15.2	15.8	16.8
Lithuanian SSR.	0.5	8.4	10.6	9.7	9.7	9.4	9.7
Moldavian SSR	0.1	7.2	13.0	13.0	15.5	16.3	16.3
Latvian SSR	1.0	9.3	12.4	10.3	10.3	10.3	10.1
Kirgiz SSR.	0.2	4.4	9.6	9.8	10.6	10.7	10.2
Tadzhik SSR	0.5	3.6	6.1	6.9	7.1	7.3	7.7
Armenian SSR.	0.9	7.3	10.3	10.7	11.2	11.8	12.2
Turkmen SSR	0.7	1.8	2.1	2.9	3.3	3.5	3.7
Estonian SSR.	0.6	5.7	6.9	5.8	5.8	5.8	5.8

Technical and Economic Indicators of the Operation of Enterprises
of the Cotton Industry

	1940	1965	1970	1975	1976	1977	1978
Spinning							
Output of yarn per 1,000 spindles an hour, kilocounts.	538	721	745	770	768	775	792
Output of yarn on the average per worker an hour, kilocounts .	77.3	137.7	166.9	191.7	195.1	198.8	206.3
Number of worked man-hours per 1,000 spindle-hours.	7.1	5.2	4.5	4.0	3.9	3.9	3.8

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	1940	1965	1970	1975	1976	1977	1978
Average count of yarn.	38.9	39.5	38.7	38.3	38.2	38.0	38.2
Yield of yarn from cotton fiber and staple fiber, percent. . .	91.4	91.4	91.3	90.9	90.7	90.7	90.4
Weaving							
Output of unbleached fabrics per loom an hour, meter weft threads	7258	9831	10613	11273	11477	11620	11524
Output of unbleached fabrics on the average per worker an hour, thousands of meter weft threads.	20.4	33.8	40.9	45.7	46.9	47.9	49.5
Number of worked man-hours per 100 loom-hours.	35.5	29.1	26.0	24.7	24.5	24.3	23.9
Average density of unbleached fabrics, number of weft threads per cm.	25.6	23.5	22.7	21.8	21.7	21.5	21.5
Consumption of thread per 100 running m of unbleached fab- rics, kg.	12.2	13.5	14.3	14.7	14.7	14.8	14.8

Technical and Economic Indicators of the Operation of Enterprises
of the Wool Industry

	1940	1965	1970	1975	1976	1977	1978
Spinning							
Output of yarn per 1,000 spindles an hour, kilocounts.	388	744	754	769	767	776	776
Output of yarn on the average per worker an hour, kilocounts .	15.7	34.2	47.1	57.8	57.4	60.1	62.3
Number of worked man-hours per 1,000 spindle-hours.	24.7	21.8	16.2	13.3	13.4	12.9	12.5
Average count of yarn.	8.4	15.8	17.1	18.1	18.1	18.6	18.9
Yield of yarn from blend, percent	79.5	84.0	85.0	84.6	84.8	84.7	84.9

Weaving

Output of unbleached fabrics per loom an hour, meter weft threads	6742	9533	11419	13360	13864	14237	14498
Output of unbleached fabrics on the average per worker an hour, thousands of meter weft threads.	6.49	10.39	13.46	16.39	17.07	17.56	18.17
Number of worked man-hours per 100 loom-hours.	104	91.7	84.8	81.5	81.2	81.1	79.8

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	1940	1965	1970	1975	1976	1977	1978
Average density of unbleached fabrics, number of weft threads per cm.	15.1	16.6	16.5	16.9	17.0	17.0	17.1
Yield of unbleached fabrics from thread, percent.	94.3	96.7	97.6	97.5	97.6	97.6	97.6

Technical and Economic Indicators of the Operation of Enterprises
of the Flax Industry

	1940	1965	1970	1975	1976	1977	1978
Spinning							
Output of thread per 1,000 spindles an hour, kilocounts.	459	750	762	806	814	816	815
Output of thread on the average per worker an hour, kilocounts.	13.2	18.7	26.0	31.5	33.0	34.4	35.7
Number of worked man-hours per 1,000 spindle-hours.	34.8	40.1	29.3	25.6	24.7	23.7	22.9
Average count of thread.	8.4	6.3	6.8	6.8	6.8	6.9	6.9
Yield of flax materials per ton of thread, tons.	1.25	1.28	1.28	1.26	1.26	1.25	1.26
Weaving							
Output of unbleached fabrics per loom an hour, meter weft threads.	6148	7166	8117	8766	9017	9427	9645
Output of unbleached fabrics on the average per worker an hour, thousands of meter weft threads.	6.08	8.47	11.86	14.46	15.27	16.17	16.87
Number of worked man-hours per 100 loom-hours.	101	84.6	68.5	60.6	59.1	56.3	57.2
Average density of unbleached fabrics, number of weft threads per cm.	12.2	10.3	10.8	10.7	10.6	10.7	10.7
Consumption of thread per 100 running m of unbleached fabrics, kg.	33.1	35.4	35.3	36.5	37.1	37.1	36.9

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Technical and Economic Indicators of the Operation of Enterprises
of the Silk Industry

	1940	1965	1970	1975	1976	1977	1978
Weaving							
Output of unbleached fabric per loom an hour:							
running m.	2.12	2.91	3.17	3.80	3.93	4.12	4.28
thousands of meter weft threads.	--	7.9	8.9	11.6	12.2	13.0	13.6
Output of unbleached fabrics on the average per worker an hour:							
running m.	2.49	4.46	6.37	9.11	9.69	10.26	10.92
thousands of meter weft threads.	--	12.1	18.0	27.9	29.9	32.2	34.6
Number of worked man-hours per 100 loom-hours	85.0	65.1	49.7	41.7	40.7	40.3	39.3

Productivity of Equipment in the Knitted Wear Industry

	1940	1965	1970	1975	1976	1977	1978
Output of hosiery and socks by automatic round hosiery and sock machines per machine-hour, pair.	6.59	6.79	5.95	6.44	6.55	6.64	6.66
Output of knitted cloth, g:							
by Interlok knitted wear machines per system-hour. . .	--	107	109	116	114	114	113
by MT-1 knitted wear machines per system-hour. . .	322	651	762	748	752	756	771

Production of Goods for Cultural and Personal Purposes and Household Use

	1940	1965	1970	1975	1976	1977	1978
Goods for cultural and personal purposes and household use,* billions of rubles.	--	7.3	13.7	$\frac{22.2}{19.5}$	20.9	22.5	24.2
Main types of goods for cultural and personal purposes and household use							
Personal clocks, millions including wristwatches. . .	2.8	30.6	40.2	55.1	57.9	60.8	63.3
	0.2	14.8	21.7	31.3	33.3	35.3	37.0

*See the footnote to the table on p 144.

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Earthenware and majolica dishes, millions of units	--	436	586	992	1047	1064	1082
Special-quality dishes (made from glass and crystal),* millions of rubles	--	93.4	152	$\frac{335}{268}$	297	329	360
Broadcasting radio receivers and radio-phonographs, thousands of units. . . .	178	5160	7815	8376	8456	8652	8728
Broadcasting televisions, thousands of units. . . .	0.3	3655	6682	6960	7063	7073	7165
including for color reception	--	--	46	589	805	1122	1431
Tape recorders, thousands of units.	--	453	1192	2525	2601	2601	2623
Household refrigerators, thousands of units. . . .	3.5	1675	4140	5579	5827	5798	6069
Household washing machines, thousands of units	--	3430	5243	3286	3510	3647	3697
Household electric vacuums, thousands of units .	--	800	1509	2920	2661	2748	2925
Household sewing machines, thousands of units. . . .	175	800	1400	1360	1358	1360	1355
Cameras, thousands of units	355	1053	2045	3031	3245	3567	3852
Amateur movie cameras, thousands of units. . . .	--	112	125	100	104	102	104
Motorcycles and motor scooters, thousands of units	6.7	711	833	1029	1060	1090	1099
Bicycles and mopeds, thousands of units. . . .	279	3873	4443	5007	5072	5229	5414
Grand and upright pianos, thousands of units. . . .	10.1	167	173	174	175	174	173
Bow instruments, thousands of units.	24.2	43.9	53.5	52.8	52.8	52.4	51.8
Pizzicato instruments, thousands of units. . . .	2495**	742	959	1533	1637	1762	1794
Wind instruments, thousands of units.	22.4**	76.5	100	99.5	81.4	93.1	100.0
Phonograph records, millions of units.	--	140	173	197	198	202	210
Electric floor washers, thousands of units. . . .	--	66	207	108	93	86	111

* See the footnote to the table on p 144.

** 1939

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Baby carriages, thousands of units.	--	802	1467	2436	2676	2830	2923
Furniture,* millions of rubles.	--	1803	2790	$\frac{4256}{4119}$	4355	4640	4923
Sets of furniture, thousands of sets	--	44.7	275	570	625	670	687

* See the footnote to the table on page 144.

Food Industry

Growth Rate of Total Production Volume by Sectors of Food Industry in
1970-1978
(1970 = 100)

	1970	1975	1976	1977	1978
Food industry.	100	130	128	134	136
Food and flavoring industry.	100	124	125	129	132
Sugar.	100	107	99	122	123
Baking.	100	113	118	118	123
Confectionary.	100	126	129	111	115
Macaroni.	100	119	128	130	131
Butter and fats.	100	124	113	118	121
Alcohol.	100	124	126	133	134
Wine-making.	100	138	147	149	150
Fruit and vegetable.	100	138	135	143	141
Meat and dairy industry.	100	136	128	139	143
Meat.	100	141	126	138	144
Butter and cheese making and dairy.	100	129	132	141	142
Fish industry.	100	135	138	133	131
Milling, groats and mixed fodder industry.	100	134	142	157	166

Production of Most Important Types of Products of Food Industry

	1913	1940	1965	1970	1975	1976	1977	1978
Granulated sugar, thousands of tons.	1363	2165	11037	10221	10382	9249	12036	12207
including from sugar beets.	1363	2165	8924	8139	7445	6162	8173	8605
Meat (including by-products of category I),* millions of tons.	1.3	1.5	5.2	7.1	9.9	8.4	9.1	9.6

* The total production of meat and oil, including the products produced in the private subsidiary sector, in 1978 was: meat--15.3 million tons, animal oil--1,472,000 tons.

/Table continued on following page/

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	1913	1940	1960	1970	1975	1976	1977	1978
Sausage goods, thousands of tons.	--	403	1606	2286	2953	2950	3013	3079
Prepared meats,* thousands of tons	--	32	344	597	913	975	1050	1132
Catch of fish, sea animals, whales and sea products, millions of tons.	1.1	1.4	5.8	7.8	10.4	10.5	9.7	9.2
Animal oil,** thousands of tons.	129	252	1072	963	1231	1263	1408	1381
Whole milk products in terms of milk, millions of tons.	--	1.3	11.7	19.7	23.6	23.4	24.3	24.8
Fatty cheese and sheep cheese, thousands of tons .	--	53	310	478	562	613	655	691
Vegetable oil, thousands of tons	538	804	2770	2784	3344	2775	2943	2967
Margarine products, thousands of tons	--	121	670	762	999	1040	1168	1225
Canned goods, billions of conventional cans	0.1	1.1	7.1	10.7	14.6	14.5	15.1	15.0
Dried fruits, thousands of tons.	--	23.4	57.3	34.7	45.2	33.2	46.8	41.1
Fresh frozen vegetables, thousands of tons	--	--	1.1	4.0	2.6	3.1	3.9	2.3
Confectionary goods,* thousands of tons	125	797	2315	2896	3247	3387	3531	3697
of them sugary goods. . .	--	--	1351	1745	1934	1989	2033	2143
Macaroni goods, thousands of tons	--	325	1251	1184	1337	1476	1491	1454
Grape wine, millions of dal	--	19.7	134	268	297	315	307	247
Beer, millions of dal . . .	--	124	317	419	571	592	619	641
Salt (production), millions of tons	2.1	4.4	9.5	12.4	14.3	14.2	14.3	14.5
Flour, millions of tons . .	--	29	37	42	42	42	43	42
Mixed fodder, millions of tons.	--	1.2	15.5	23.7	41.8	46.3	51.3	56

* Excluding the products of public dining enterprises.

** See the footnote on the preceding page.

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Production of Granulated and Lump Sugar
(thousands of tons)

Years	Granulated sugar	Lump sugar	Years	Granulated sugar	Lump sugar
1913			1945.	465	54
within the bound-			1946.	466	100
aries of the USSR			1950.	2523	701
prior to 17 Sep-			1955.	3419	1285
tember 1939. . . .	1352	828	1960.	6363	1915
within the present			1965.	11037	2197
boundaries of the			1970.	10221	2005
USSR	1363	846	1975.	10382	2478
1928	1283	656	1976.	9249	2525
1932	828	438	1977.	12036	2593
1937	2421	1032	1978.	12207	2692
1940	2165	628			

Production of Granulated Sugar by Union Republics
(thousands of tons)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	1363	2165	11037	10221	10382	9249	12036	12207
including:								
RSFSR	249	359	3086	2915	2844	2725	3606	3531
Ukrainian SSR . . .	1108	1580	6686	5973	6035	5032	6778	6903
Belorussian SSR . .	--	--	127.5	180.5	248.9	244.2	298.0	318.8
Kazakh SSR.	--	70.9	171.3	176.2	147.3	154.4	120.1	167.6
Georgian SSR. . . .	--	13.1	60.2	40.2	38.5	42.6	46.2	42.9
Lithuanian SSR. . .	--	24.0	167.4	147.8	203.2	198.1	207.1	208.7
Moldavian SSR . . .	6.0	11.8	344.9	356.5	395.1	339.4	424.1	466.6
Latvian SSR	--	41.0	186.2	217.6	256.1	251.4	271.3	262.6
Kirgiz SSR.	--	65.5	173.8	198.0	205.8	249.1	270.9	287.1
Armenian SSR. . . .	--	--	32.9	16.1	8.7	11.9	13.9	18.1

Production of Meat by Types
(thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
Meat (including by-products of category I)--total.	1544	5245	7144	9862	8368	9118	9581
Beef and veal	850	2412	3463	4511	4434	4595	4711
Mutton.	169	425	422	427	379	396	381
Pork.	373	1783	2249	3335	2108	2465	2653
Poultry meat.	52	167	357	704	695	898	1034
Other types of meat and by-products of category I.	100	458	653	885	752	764	802

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Production of Meat by Union Republics
(including by-products of category I; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	1544	5245	7144	9862	8368	9118	9581
RSFSR	859	2830	3693	5032	4131	4513	4760
Ukrainian SSR	299	1107	1565	2215	1858	2081	2201
Belorussian SSR	60.3	232.1	427.6	586.2	536.6	593.6	630.5
Uzbek SSR	26.7	90.8	94.2	147.4	160.2	154.2	145.0
Kazakh SSR.	97.0	411.4	525.0	694.2	537.6	586.2	617.3
Georgian SSR.	11.5	30.5	48.4	75.5	78.1	79.2	81.0
Azerbaijan SSR.	17.7	30.0	47.9	63.6	60.4	56.0	57.7
Lithuanian SSR.	56.3	149.1	238.8	331.2	324.6	349.1	365.9
Moldavian SSR	5.6	79.6	106.2	161.5	140.1	146.5	155.4
Latvian SSR	53.8	86.7	143.9	193.2	188.7	196.9	197.5
Kirgiz SSR.	16.8	68.3	78.8	111.8	97.2	96.5	93.8
Tadzhik SSR	7.0	26.7	32.9	44.5	45.5	48.4	48.6
Armenian SSR.	8.6	22.2	27.3	47.9	45.6	46.6	50.6
Turkmen SSR	8.5	16.1	16.8	28.8	27.4	28.9	28.6
Estonian SSR.	16.7	65.1	98.6	130.1	137.3	142.2	147.3

Catch of Fish, Sea Animals, Whales and Sea Products

Years	Thousands of tons	Years	Thousands of tons
1913		1946.	1208
within the boundaries		1950.	1755
of the USSR prior to		1955.	2737
17 September 1939. . .	1018	1960.	3541
within the present		1965.	5774
boundaries of the USSR	1051	1970.	7828
1928	840	1975.	10357
1932	1333	1976.	10478
1937	1609	1977.	9651
1940	1422	1978.	9230
1945	1125		

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Production of Animal Oil

Years	Thousands of tons	Years	Thousands of tons
1913		1946.	186
within the boundaries		1950.	336
of the USSR prior to		1955.	463
17 September 1939. . .	104	1960.	737
within the present		1965.	1072
boundaries of the USSR	129	1970.	963
1928	82	1975.	1231
1932	72	1976.	1263
1937	185	1977.	1408
1940	252	1978.	1381
1945	117		

Production of Animal Oil by Union Republics
(thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	252	1072	963	1231	1263	1408	1381
RSFSR	141.1	559.0	486.3	628.1	614.6	683.0	679.7
Ukrainian SSR	33.3	281.0	245.2	313.7	340.5	385.9	372.4
Belorussian SSR	7.3	57.4	62.4	88.1	93.7	105.0	100.9
Uzbek SSR	1.0	6.8	6.4	8.6	8.4	9.5	10.1
Kazakh SSR.	12.1	45.1	42.2	44.9	47.0	55.5	57.7
Georgian SSR.	0.5	1.0	0.9	1.2	1.3	1.5	1.4
Azerbaijan SSR.	1.4	3.2	3.0	4.1	4.0	4.5	4.7
Lithuanian SSR.	16.0	36.2	39.2	49.4	55.3	58.0	55.3
Moldavian SSR	0.1	11.9	10.4	14.3	14.1	16.7	17.2
Latvian SSR	23.0	34.3	32.8	34.6	37.2	40.0	35.8
Kirgiz SSR.	1.2	7.5	6.9	8.4	8.7	9.2	9.7
Tadzhik SSR	0.1	2.1	2.1	3.6	3.6	4.1	4.4
Armenian SSR.	1.6	3.0	1.7	1.7	1.5	1.4	1.4
Turkmen SSR	0.3	1.9	1.9	2.6	2.7	3.0	3.0
Estonian SSR.	13.2	21.6	21.6	28.0	30.8	30.4	27.4

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Production of Vegetable Oil

Years	Thousands of tons	Years	Thousands of tons
1913		1946.	326
within the boundaries		1950.	819
of the USSR prior to		1955.	1168
17 September 1939. . .	471	1960.	1586
within the present		1965.	2770
boundaries of the USSR	538	1970.	2784
1928	448	1975.	3344
1932	490	1976.	2775
1937	539	1977.	2943
1940	804	1978.	2967
1945	292		

Production of Vegetable Oil by Union Republics
(thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	804	2770	2784	3344	2775	2943	2967
including:							
RSFSR	421.6	1185.9	983.5	1265.9	945.4	1166.4	1056.2
Ukrainian SSR	158.7	872.2	1071.3	1143.9	906.9	856.1	946.4
Belorussian SSR	10.3	25.8	22.1	21.4	21.0	21.7	21.8
Uzbek SSR	141.7	308.6	293.6	430.9	439.2	450.0	453.2
Kazakh SSR.	4.7	58.2	61.8	69.1	81.7	87.1	86.9
Georgian SSR.	4.6	6.8	8.8	16.7	9.3	9.8	15.0
Azerbaijan SSR.	10.8	24.1	28.1	36.0	40.2	40.9	42.6
Lithuanian SSR.	9.0	7.2	5.4	5.5	3.9	5.5	5.1
Moldavian SSR	14.0	132.7	154.7	147.5	123.6	107.6	127.4
Latvian SSR	2.5	20.3	21.7	25.0	20.4	20.7	24.6
Kirgiz SSR.	0.4	17.2	16.9	20.6	20.8	20.1	21.2
Tadzhik SSR	3.5	62.7	68.8	94.5	93.5	88.1	94.2
Armenian SSR.	6.1	8.8	11.0	13.0	12.8	11.8	12.7
Turkmen SSR	15.2	39.6	36.8	53.4	56.7	57.4	59.9

Yield of Vegetable Oil From Oil-Bearing Seeds
(percent of weight of processed oil-bearing seeds)

	1940	1965	1970	1975	1976	1977	1978
Yield of oil when pro-							
cessed by:							
pressing							
from sunflower seeds.	25.15	39.68	40.86	42.75	42.42	40.85	41.73
from cotton seeds . .	16.06	16.03	14.11	14.86	15.24	14.84	14.49
extraction							
from sunflower seeds.	27.86	43.89	44.47	46.28	45.87	44.91	46.18
from cotton seeds . .	16.79	18.88	17.45	18.09	18.25	17.99	17.66

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Production of Canned Goods

Years	Millions of conventional cans	Years	Millions of conventional cans
1913		1945.	558
within the boundaries of the USSR prior to 17 September 1939. . .	95	1946.	583
within the present boundaries of the USSR	116	1950.	1535
1928	125	1955.	3217
1932	692	1960.	4864
1937	982	1965.	7078
1940	1118	1970.	10678
		1975.	14565
		1976.	14518
		1977.	15052
		1978.	14998

Production of Canned Goods by Types
(millions of conventional cans)

	1940	1965	1970	1975	1976	1977	1978
Canned goods--total.	1118	7078	10678	14565	14518	15052	14998
including:							
meat and meat and vegetables . .	109	723	817	1395	920	974	841
fish	124	977	1393	2207	2377	2467	2669
vegetables	110	1484	2611	3016	2960	3191	3393
tomatoes	341	1067	1303	2351	2289	1995	2270
fruit.	264	1380	1526	1434	1638	1815	1722
of them fruit paste, pre-serves, jam.	--	796	629	562	666	826	769
milk	71	707	1104	1465	1459	1452	1411
natural juices	44	729	1892	2644	2809	3101	2594

Production of Canned Goods by Union Republics
(millions of conventional cans)

	1940	1965	1970	1975	1976	1977	1978
USSR.	1118	7078	10678	14565	14518	15052	14998
RSFSR	549	3019	4501	5902	5899	5879	6022
Ukrainian SSR	339	1663	2642	3658	3474	3527	3634
Belorussian SSR	10.6	267.5	419.5	549.2	551.2	573.8	574.2
Uzbek SSR	39.3	231.9	334.1	537.9	526.3	599.2	630.3
Kazakh SSR.	30.2	244.2	303.1	397.6	372.1	385.1	391.2
Georgian SSR.	29.1	140.5	234.0	329.6	355.3	402.2	394.3
Azerbaijan SSR.	20.0	136.7	184.7	294.6	377.1	397.2	437.2
Lithuanian SSR.	0.9	118.4	188.5	273.9	280.9	269.2	265.9
Moldavian SSR	48.5	684.8	945.7	1273.2	1277.3	1525.4	1166.4

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	1940	1965	1970	1975	1976	1977	1978
Latvian SSR.	8.8	167.6	258.2	339.2	382.3	361.9	381.1
Kirgiz SSR	7.3	60.1	79.4	130.9	127.8	127.5	132.2
Tadzhik SSR.	13.9	106.9	172.8	242.4	222.9	282.0	260.9
Armenian SSR	17.3	131.5	241.4	332.9	347.2	391.9	353.2
Turkmen SSR.	1.2	10.2	22.6	44.1	47.5	43.9	50.9
Estonian SSR	3.6	95.6	151.3	259.8	277.2	287.4	304.2

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AGRICULTURE

Number of Agricultural Enterprises and Farms
(at the end of the year)

	1940	1965	1970	1975	1976	1977	1978
Number of all kolkhozes,* thou-							
sands.	236.9	36.9	33.6	29.0	27.7	27.1	26.7
excluding fishing kolkhozes*	235.5	36.3	33.0	28.5	27.3	26.7	26.3
kolkhoz households present							
at them, millions.	18.7	15.4	14.4	13.5	13.3	13.1	13.0
Number of interfarm enter-							
prises and organizations,**							
thousands.	--	3.4	4.6	6.3	7.0	7.7	8.9
Number of all sovkhoses, thou-							
sands.	4.2	11.7	15.0	18.1	19.6	20.1	20.5

* The decrease of the number of kolkhozes has occurred due to their consolidation, as well as in connection with the conversion of some kolkhozes to sovkhoses on the decision of the general meetings of the kolkhoz farmers.

** Here and on pp 258-263 the number of interfarm enterprises and organizations, which are carried on an independent balance sheet, is cited.

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Production of Agricultural Produce
(at all categories of farms)

Years	Gross production of agricul- ture (in comparable prices of 1973), billions of rubles	Grain, millions of tons	Raw cotton, millions of tons	Sugar beets (factory), mil- lions of tons	Sunflowers, millions of tons	Flax fiber, thousands of tons	Potatoes, millions of tons	Vegetables, millions of tons	Meat (in dressed weight), millions of tons	Milk, millions of tons	Eggs, billions	Wool, thousands of tons
1909-1913 (average a year)	32.5	72.5	0.68	10.1	--	316	30.6	--	4.8	28.8	11.2	192
1913.	35.1	86.0	0.74	11.3	0.75	401	31.9	5.5	5.0	29.4	11.9	192
1924-1928 (average a year)	34.2	69.3	0.58	7.9	1.87	275	41.1	--	4.2	29.3	9.2	157
1940.	49.3	95.6	2.24	18.0	2.64	349	76.1	13.7	4.7	33.6	12.2	161
1945.	30.0	47.3	1.16	5.5	0.84	150	58.3	10.3	2.6	26.4	4.9	111
1946-1950 (average a year)	44.4	64.8	2.32	13.5	1.55	225	80.7	11.4	3.5	32.3	7.5	147
1951-1955 (average a year)	51.9	88.5	3.89	24.0	2.46	234	69.5	11.2	5.7	37.9	15.9	226
1956-1960 (average a year)	73.7	121.5	4.36	45.6	3.67	438	88.3	15.1	7.9	57.2	23.6	317
1961-1965 (average a year)	82.8	130.3	4.99	59.2	5.07	408	81.6	16.9	9.3	64.7	28.7	362
1965.	88.3	121.1	5.66	72.3	5.45	480	88.7	17.6	10.0	72.6	29.1	357
1966-1970 (average a year)	100.4	167.6	6.10	81.1	6.39	458	94.8	19.5	11.6	80.6	35.8	398
1970.	108.4	186.8	6.89	78.9	6.14	456	96.8	21.2	12.3	83.0	40.7	419
1971-1975 (average a year)	113.7	181.6	7.67	76.0	5.97	456	89.8	23.0	14.0	87.4	51.4	442
1975.	112.8	140.1	7.86	66.3	4.99	492	88.7	23.4	15.0	90.8	57.4	467
1976-1978 (average a year)	124.4	218.9	8.51	95.5	5.50	458	84.9	25.7	14.6	93.0	60.6	453
1976.	120.1	223.8	8.28	99.9	5.28	509	85.1	25.0	13.6	89.7	56.2	435
1977.	124.9	195.7	8.76	93.1	5.90	480	83.7	24.1	14.7	94.6	61.2	459
1978.	128.3	237.2	8.50	93.5	5.33	384	86.1	27.9	15.3	94.5	64.5	463

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The production of seeds of oil-producing crops was (millions of tons): in 1913--1.0, in 1940--3.22, in 1965--6.07, in 1970--6.97, in 1975--5.92, in 1976--5.99, in 1977--6.62, in 1978--6.21.

Yield of Agricultural Crops
(at all categories of farms; quintals per hectare)

Years	Cereal crops	Cotton*	Sugar beets (factory)	Sunflowers	Flax fiber	Potatoes	Vegetables
1909-1913 (average a year) . . .	6.9	13.0	150	--	2.8	78	--
1913.	8.2	10.8	168	7.6	3.2	76	84
1924-1928 (average a year) . . .	7.6	8.4	134	6.2	2.3	79	--
1940.	8.6	10.8	146	7.4	1.7	99	91
1945.	5.6	9.6	66	2.9	1.5	70	58
1946-1950 (average a year) . . .	6.7	13.6	111	4.5	1.6	97	73
1951-1955 (average a year) . . .	8.0	16.9	154	6.2	1.7	81	82
1956-1960 (average a year) . . .	10.1	20.5	184	9.1	2.6	94	101
1961-1965 (average a year) . . .	10.2	20.6	165	11.2	2.6	94	116
1965.	9.5	23.2	188	11.1	3.3	103	123
1966-1970 (average a year) . . .	13.7	24.1	228	13.2	3.4	115	132
1970.	15.6	25.1	237	12.8	3.6	120	138
1971-1975 (average a year) . . .	14.7	27.3	217	13.2	3.7	113	138
1975.	10.9	26.9	181	12.3	4.1	112	135
1976-1978 (average a year) . . .	17.0	28.5	254	12.0	3.8	120	153
1976.	17.5	28.1	266	11.6	4.2	120	152
1977.	15.0	29.3	248	12.8	4.0	118	146
1978.	18.5	28.0	248	11.7	3.2	122	161

* Until 1955 some of the sown areas of cotton were located on unirrigated land. Since 1956 it has been cultivated only on irrigated land. The yield of cotton on irrigated land in 1940 was 13.8 quintals, while on unirrigated land it was 1.9 quintals.

Gross Harvest and Yield of Fodder Crops
(at all categories of farms)

	1940	1965	1970	1975	1976	1977	1978
Gross harvest, millions of tons							
Corn for silage and green fodder (stalks and ears)	--	181	212	193	277	247	251
Fodder root crops (including sugar beets for livestock fodder)	12.4	23.8	35.7	34.4	50.0	45.3	45.7

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	1940	1965	1970	1975	1976	1977	1978
Hay and green fodder in terms of hay--total.	75.0	82.5	110.3	115.8	131.2	135.3	151.7
including:							
hay of perennial grasses . .	10.2	18.3	34.3	45.4	50.3	58.0	62.9
hay of annual grasses. . . .	4.1	20.1	26.5	25.3	35.0	33.1	39.5
hay of natural hay fields. .	60.7	44.1	49.5	45.1*	45.9*	44.2*	49.3*

Yield, Quintals Per Hectare

Corn for silage and green fodder (stalks and ears).	--	88	117	108	149	155	147
Fodder root crops (including sugar beets for livestock fodder)	127	153	215	193	260	249	244
Hay of perennial grasses of sowing of past years.	9.3	17.2	19.4	16.5	17.6	17.7	20.6
Hay of annual grasses.	10.0	11.1	15.3	10.6	16.2	15.1	17.3
Hay of natural hay fields (at kolkhozes, interfarm enterprises, sovkhoses and other state farms)	9.0	5.5	6.1	5.2	5.7	5.4	6.4

* Including the hay obtained from cultivated pastures, which in 1975 was 3.3 million tons, in 1976--2.5 million tons, in 1977--2.6 million tons, in 1978--3.1 million tons.

Proportion of Production of Main Agricultural Products by Public
Agriculture in Total Production
(percent)

	1940	1965	1970	1975	1977	1978
Proportion of Kolkhozes, Interfarm Enterprises, Sovkhoses and Other State Farms						
Grain.	88	98	99	99	99	99
Raw cotton	100	100	100	100	100	100
Sugar beets (factory).	94	100	100	100	100	100
Sunflowers	89	98	98	97	98	98
Potatoes	35	37	35	41	41	39
Vegetables	52	59	62	66	71	71
Meat	28	60	65	69	71	71
Milk	23	61	64	69	71	71
Eggs	6	33	47	61	65	66
Wool	61	80	81	80	81	81

Including Proportion of Sovkhoses and Other State Farms

Grain.	8	37	46	44	44	47
Raw cotton	6	20	23	28	29	30
Sugar beets (factory).	4	9	8	10	10	10

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	1940	1965	1970	1975	1977	1978
Sunflowers.	2	14	20	20	22	23
Potatoes.	2	15	14	18	18	16
Vegetables.	9	34	36	41	44	43
Meat.	9	30	32	35	37	37
Milk.	6	26	28	30	32	32
Eggs.	2	20	33	50	57	58
Wool.	12	39	42	45	47	48

Growth Rate of Gross Production of Agriculture
(at all categories of farms)

Years	Gross production of agriculture (plant growing and animal husbandry)	Production of plant growing	Production of animal husbandry
1940 = 100			
1940	100	100	100
1945	60	57	64
1950	99	97	104
1955	121	113	140
1960	160	147	193
1965	180	161	223
1970	221	204	265
1975	227	190	297
1976	242	225	290
1977	251	221	317
1978	258	232	320
1970 = 100			
1970	100	100	100
1975	103	93	112
1976	109	110	109
1977	114	108	119
1978	117	114	120

Growth Rate of Average Annual Gross Production Volume of Agriculture
(at all categories of farms; percent of 1966-1970)

Years	Gross production of agri- culture (plant growing and animal husbandry)	Production of plant growing	Production of animal husbandry
1966-1970	100	100	100
1971-1975	113	109	117
1976-1978	124	122	126
1976	120	121	118
1977	124	119	130
1978	128	125	130

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The growth rate of the average annual gross production volume of agriculture in 1976-1978 as a percentage of 1971-1975 was 109.

Growth Rate of Gross Production of Agriculture by Categories of Farms
(1970 = 100)

	1970	1975	1976	1977	1978
All categories of farms.	100	103	109	114	117
including:					
kolkhozes, interfarm enterprises, sovkhoses					
and other state farms.	100	104	115	129	124
of them kolkhozes and interfarm enterprises					
for a group comparable with 1978	100	104	114	117	120
private subsidiary agriculture of workers,					
employees and kolkhoz farmers.	100	98	94	97	100

Growth Rate of Gross Production of Agriculture by Union Republics
(at all categories of farms; 1913 = 100)

	1913	1940	1965	1970	1975	1976	1977	1978
USSR.	100	141	252	309	317	338	351	361
RSFSR	100	126	235	293	288	295	311	320
Ukrainian SSR	100	157	261	295	306	339	357	359
Belorussian SSR	100	172	255	300	337	357	352	376
Uzbek SSR	100	180	433	546	642	695	735	737
Kazakh SSR.	100	104	409	635	567	702	660	759
Georgian SSR.	100	252	551	709	829	837	958	978
Azerbaijan SSR.	100	156	317	402	540	613	633	688
Lithuanian SSR.	100	136	204	257	282	288	292	300
Moldavian SSR	100	158	384	441	526	572	581	551
Latvian SSR	100	179	207	241	240	261	259	246
Kirgiz SSR.	100	196	461	566	655	666	688	699
Tadzhik SSR	100	248	593	735	918	942	969	1024
Armenian SSR.	100	156	428	541	636	678	740	713
Turkmen SSR	100	148	354	490	611	600	649	628
Estonian SSR.	100	152	201	227	257	274	272	257

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Gross Production of
(at all categories of farms; in comparable

	Gross production of agriculture (plant growing and animal husbandry)					
	average a year			1976	1977	1978
	1966— 1970	1971— 1975	1976— 1978			
USSR.	100 394	113 736	124 435	120 098	124 923	123 283
RSFSR	49 986	54 448	57 825	55 300	58 318	59 848
Ukrainian SSR . .	22 768	26 426	29 298	28 254	29 713	29 927
Belorussian SSR .	5 347	6 092	6 745	6 667	6 560	7 007
Uzbek SSR	3 872	4 953	5 929	5 701	6 033	6 051
Kazakh SSR. . . .	6 415	7 394	8 064	8 005	7 530	8 656
Georgian SSR. . .	1 252	1 488	1 894	1 715	1 964	2 005
Azerbaijan SSR. .	1 040	1 389	1 875	1 782	1 842	2 002
Lithuanian SSR. .	2 194	2 478	2 692	2 640	2 679	2 755
Moldavian SSR . .	2 032	2 477	2 763	2 781	2 825	2 682
Latvian SSR . . .	1 370	1 493	1 596	1 633	1 616	1 538
Kirgiz SSR. . . .	1 103	1 310	1 421	1 383	1 428	1 452
Tadzhik SSR . . .	863	1 154	1 327	1 278	1 315	1 389
Armenian SSR. . .	516	627	763	728	795	766
Turkmen SSR . . .	789	1 051	1 180	1 131	1 224	1 184
Estonian SSR. . .	847	956	1 063	1 088	1 081	1 021

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Agriculture by Union Republics
prices of 1973; millions of rubles)

including											
Production of plant growing						Production of animal husbandry					
average a year						average a year					
1966- 1970	1971- 1975	1976- 1978	1976	1977	1978	1966- 1970	1971- 1975	1976- 1978	1976	1977	1978
17 615	51 740	57 859	57 610	56 573	59 388	52 779	61 990	66 576	62 482	68 350	68 895
21 978	22 051	23 611	23 296	23 137	24 399	28 008	32 397	34 214	32 013	35 181	35 449
11 321	12 675	14 319	14 355	14 166	14 436	11 444	13 751	14 979	13 899	15 547	15 491
2 555	2 722	3 031	3 112	2 737	3 243	2 792	3 370	3 714	3 555	3 823	3 761
2 812	3 604	4 392	4 228	4 506	4 442	1 060	1 349	1 537	1 476	1 527	1 609
2 744	3 082	3 553	3 743	3 007	3 908	3 671	4 312	4 511	4 262	4 523	4 748
805	973	1 325	1 168	1 388	1 420	447	515	569	547	576	585
602	870	1 258	1 209	1 225	1 341	438	519	617	573	617	661
764	830	900	929	859	931	1 430	1 648	1 792	1 711	1 840	1 824
1 390	1 688	1 861	1 956	1 917	1 708	652	789	902	825	908	974
485	485	500	564	480	456	885	1 007	1 096	1 069	1 136	1 082
491	605	671	665	671	676	612	705	750	718	757	770
596	814	923	885	912	975	267	340	404	393	403	414
269	320	401	389	421	393	247	307	362	339	374	373
513	716	788	758	840	767	276	335	392	373	384	417
297	310	326	359	327	293	550	646	737	729	754	728

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Commodity Production of Agriculture
(at all categories of farms)

	1940	1965	1970	1975	1976	1977	1978
Commodity Production of Plant Growing (from crop of corresponding year; millions of tons)							
Grain.	38.3	41.1	80.8	54.8	101.3	79.1	109.3
including wheat.	16.2	24.7	56.3	32.2	54.2	49.1	69.0
Raw cotton	2.24	5.66	6.89	7.86	8.28	8.76	8.50
Sugar beets.	17.4	67.5	71.4	61.9	85.1	84.9	80.1
Sunflowers	1.87	4.27	5.16	4.14	4.31	4.89	4.27
Potatoes	12.9	15.8	18.1	21.5	19.6	23.1	21.2
Vegetables	6.1	9.9	13.8	16.3	18.5	18.7	20.9

Commodity Production of Animal Husbandry
(during calendar year)

Meat (in dressed weight), millions of tons	2.6	7.0	9.4	12.2	10.8	11.6	12.2
Milk and dairy products (in terms of milk), millions of tons.	10.8	40.9	48.0	58.7	58.3	62.8	62.5
Eggs, billions	4.7	13.9	22.1	36.7	36.2	40.4	43.1
Wool,* thousands of tons .120	331	395	455	424	449	455	

*The commodity production of wool is shown in physical weight of greasy wool and includes state purchases and the sale of wool on the kolkhoz market. In 1978 the commodity production of wool was 455,000 tons, including 452,000 tons purchased by state organizations; the recorded weight of the wool purchased in 1978 was 528,000 tons.

Proportion of Commodity Production of Public Agriculture
in Total Commodity Production
(percent)

	1940	1965	1970	1975	1977	1978
Proportion of Kolkhozes, Interfarm Enterprises, Sovkhozes and Other State Farms						
In total commodity production of agriculture	73	87	88	87	89	90
In total commodity production of plant growing.	87	89	92	89	89	90
In commodity production of:						
grain.	97	100	100	100	100	100
raw cotton	100	100	100	100	100	100
sugar beets.	94	100	100	100	100	100
potatoes	46	55	60	62	61	60
vegetables	82	88	87	87	87	87

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	1940	1965	1970	1975	1977	1978
In total commodity production of animal husbandry.	46	85	86	86	89	90
In commodity production of:						
meat	45	83	83	83	88	88
milk	49	93	95	95	95	95
eggs	3	64	81	91	93	93
wool	74	86	85	82	82	82
Including Proportion of Sovkhozes and Other State Farms						
In total commodity production of agriculture	12	36	40	42	44	45
In total commodity production of plant growing.	10	28	36	37	36	39
In commodity production of:						
grain.	10	38	52	45	45	49
raw cotton	6	20	23	28	29	30
sugar beets.	4	9	9	10	10	10
potatoes	5	27	29	31	31	30
vegetables	16	53	53	56	55	56
In total commodity production of animal husbandry.	16	41	42	45	48	49
In commodity production of:						
meat	16	42	41	43	46	47
milk	15	41	42	42	43	43
eggs	3	39	58	74	81	82
wool	15	42	44	47	48	48

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State Purchases of Main Products of Agriculture
(at all categories of farms; millions of tons)

Years	Grain	Raw cotton	Sugar beets	Sunflowers	Flax fiber, thousands of tons	Potatoes	Vegetables	Livestock and poultry (in live weight of livestock and poultry)	Milk and dairy products (in terms of milk)	Eggs, billions
1918.	1.8	0.12	3.2	0.17	0.03	0.42	--	0.1	0.2	0.09
1924-1928 (average a year).	9.5	0.58	7.1	0.8	146.8	0.73	--	0.8	1.4	1.5
1940.	36.4	2.24	17.4	1.5	245.2	8.6	3.0	2.2	6.5	2.7
1945.	20.0	1.16	4.7	0.5	64.5	4.5	1.8	1.3	2.9	1.1
1946-1950 (average a year).	27.9	2.32	12.6	0.9	142.5	6.2	1.9	1.7	6.6	1.3
1951-1955 (average a year).	34.2	3.89	23.7	1.6	206.5	5.7	2.6	3.5	11.0	2.6
1956-1960 (average a year).	47.9	4.36	42.9	2.2	381.4	7.6	4.3	6.1	22.2	4.9
1961-1965 (average a year).	51.6	4.99	55.4	3.4	376.3	8.4	6.7	8.6	31.2	8.7
1965.	36.3	5.66	67.5	3.9	432.6	9.9	7.7	9.3	38.7	10.5
1966-1970 (average a year).	66.0	6.10	74.4	4.7	421.5	10.9	9.4	11.6	43.2	14.4
1970.	73.3	6.89	71.4	4.6	431.4	11.2	10.9	12.6	45.7	18.1
1971-1975 (average a year).	67.6	7.67	67.9	4.5	432.6	12.7	13.1	15.4	52.1	27.5
1975.	50.2	7.86	61.9	3.8	477.7	14.5	13.9	16.8	56.3	33.1
1976-1978 (average a year).	85.4	8.51	83.4	4.1	417.4	15.2	16.9	16.1	59.1	36.3
1976.	92.1	8.28	85.1	3.8	482.7	13.4	16.0	15.1	56.2	32.9
1977.	68.0	8.76	84.9	4.4	440.4	17.1	16.2	16.3	60.8	36.8
1978.	95.9	8.50	80.1	4.0	329.1	15.1	18.4	17.0	60.4	39.3

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State Purchases of Individual Products of Plant
Growing and Animal Husbandry
(at all categories of farms; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
Seeds of oil-bearing crops.	1867	4271	5220	4456	4211	4860	4558
Hemp.	44	74	67	47	43	39	27
Tobacco	73	169	228	287	299	300	273
Makhorka.	168	43	30	9	12	7	7
Fruits and berries.	596	4477	6180	8541	9684	9439	9209
including:							
seed and stone fruit and							
berries	267	1573	2949	4069	5163	5817	4439
grapes.	306	2875	3145	4329	4407	3422	4600
citrus fruits	23.4	28.6	86.2	143.0	114.0	199.6	170.6
Wool (in recorded weight)*.	120	368	441	511	480	512	528
Cocoons	20.5	34.8	33.7	39.1	45.1	43.1	46.4

* The purchases of wool in recorded weight are determined by recalculating the physical weight according to established zonal standards of the yield of clean fiber from greasy wool. For example, a kolkhoz sold the state 800 kg of wool with a yield of clean fiber of 38 percent with an established zonal standard of 35 percent; in this case the recorded weight of the wool instead of 800 kg of physical weight will be 869 kg $(800 \cdot 38 \text{ percent}) \cdot 35 \text{ percent}$.

Proportion of State Purchases of Main Agricultural Products
From Kolkhozes, Sovkhozes and Other State Farms in Total Purchases
(percent)

	1940	1965	1970	1975	1977	1978
Proportion of Kolkhozes, Sovkhozes and Other State Farms						
Grain.	97	100	100	100	100	100
Raw cotton	100	100	100	100	100	100
Sugar beets.	94	100	100	100	100	100
Sunflowers	95	100	100	100	100	100
Potatoes	61	73	84	83	74	75
Vegetables	98	93	94	95	93	93
Livestock and poultry.	63	90	89	87	93	93
Milk	66	96	97	95	95	95
Eggs	7	74	89	94	97	97
Wool	76	86	86	84	84	84

Including Proportion of Sovkhozes and Other State Farms

Grain.	10	37	50	43	44	49
Raw cotton	6	20	23	28	29	30
Sugar beets.	4	9	9	10	10	10

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	1940	1965	1970	1975	1977	1978
Sunflowers.	2	14	19	20	22	23
Potatoes.	2	33	39	39	36	36
Vegetables.	6	57	57	60	58	58
Livestock and poultry	22	45	43	45	48	49
Milk.	16	41	42	42	43	43
Eggs.	3	45	65	77	85	86
Wool.	18	42	44	47	49	49

Payments for Agricultural Produce Sold to the State and Trade Organizations
(in prices of corresponding years; millions of rubles)

	1965	1970	1975	1976	1977	1978
Kolkhozes, Sovkhozes and Other State Farms and the Population						
Paid--total.	32296	54528	69547	73389	78094	82382
For produce sold to the state. . . .	30940	52184	66984	70473	74781	79015
including:						
for products of plant growing. . . .	13278	20508	22715	28117	27249	29414
of them:						
grain.	3256	7126	5612	9747	7287	10683
raw cotton	2504	3824	4587	4908	5327	5160
sugar beets.	1925	2028	2149	3047	3114	2878
sunflowers	837	893	763	703	887	771
flax (fiber and seed).	621	786	880	836	805	519
potatoes, vegetables and cucurbi- taceous crops.	1638	2487	3780	3989	4636	4785
fruits (including grapes and citrus fruits)	1328	1874	2811	2887	2891	2799
for products of animal husbandry . .	17662	31676	44269	42356	47532	49601
of them:						
livestock and poultry.	9220	18452	25521	22341	25556	27428
milk	5747	8772	12108	13258	14674	14736
eggs	826	1634	2950	3151	3488	3740
wool	1209	1967	2375	2227	2440	2419
For produce sold to cooperative and state trade organizations.	1356	2344	2563	2916	3313	3367
Kolkhozes, Kolkhoz Farmers, Workers and Employees						
Paid--total.	21524	33046	40411	41331	43953	45099
For produce sold to the state. . . .	20179	30842	38050	38655	40879	41815
including:						
for products of plant growing. . . .	9829	13106	14201	16622	17087	17018
of them:						
grain.	2235	3670	3137	4629	4011	5274
raw cotton	2091	2999	3332	3498	3780	3630
sugar beets.	1749	1845	1914	2738	2783	2552

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	1965	1970	1975	1976	1977	1978
sunflowers.	739	727	609	539	680	591
flax (fiber and seed)	543	668	717	710	666	429
potatoes, vegetables and cucurbi- taceous crops	926	1247	1810	1961	2380	2343
fruits (including grapes and citrus fruits).	669	864	1249	1250	1308	1098
for products of animal husbandry. .	10350	17736	23849	22033	23792	24797
of them:						
livestock and poultry	5437	10658	14514	12311	13278	14301
milk.	3372	5043	6877	7514	8239	8272
eggs.	389	465	571	401	427	443
wool.	741	1109	1286	1219	1269	1218
For produce sold to cooperative and state trade organizations	1345	2204	2361	2676	3074	3284

Growth Rate of Fixed Capital, Capital Supply and
Capital-Labor Ratio at Kolkhozes, Interfarm Agricultural Enterprises,
Sovkhozoes and Other State Farms

Years	All agricultural fixed pro- duction capital (including livestock; at end of year)	Agricultural fixed production capital per worker	per 100 hectares of farming lands
1940 = 100			
1940	100	100	100
1965	459	467	408
1970	661	700	585
1975	1087	1154	956
1976	1179	1262	1033
1977	1280	1384	1119
1978	1393	1512	1219
1970 = 100			
1970	100	100	100
1975	164	165	164
1976	179	180	177
1977	194	198	191
1978	211	216	209
1975 = 100			
1975	100	100	100
1976	109	109	108
1977	118	120	117
1978	128	131	127

The agricultural fixed production capital of kolkhozes, interfarm agricul-
tural enterprises, sovkhozes and other state farms on 1 January 1979 in
comparable prices of 1973 was 200 billion rubles; the capital-labor ratio

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per worker was 7,900 rubles, while the supply of capital per 100 hectares of farming land was 36,700 rubles with respect to the value of the fixed capital.

Structure of Agricultural Fixed Production Capital of Kolkhozes, Interfarm Agricultural Enterprises, Sovkhozes and Other State Farms at the End of 1978
(according to balance sheet value excluding wear; percent of the total)

	At kolkhozes, interfarm agricultural enterprises, sovkhozes and other state farms	At kolkhozes and interfarm agricultural enterprises	At sovkhozes
Agricultural fixed production capital. . . .	100	100	100
including:			
buildings, structures and conveying equipment.	62.1	62.8	58.1
machinery and equipment--total	17.2	16.9	18.1
of them:			
power machinery and equipment.	7.2	6.7	7.1
operating machinery and equipment.	9.6	9.8	10.7
vehicles	3.5	3.6	3.7
draft animals.	0.5	0.5	0.5
productive livestock	10.3	12.2	10.3
perennial plantings.	3.4	1.9	5.4

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Fixed Production Capital and Physical Working Capital of Kolkhozes (Excluding Fishing Kolkhozes)
by Union Republics at the End of 1978
(according to the balance sheet value excluding wear; millions of rubles)

	of it									
	All fixed production capital and physical working capital	including agricultural fixed production capital	buildings, structures and conveying equipment	power machinery and equipment	operating machinery and equipment	vehicles	draft animals	productive livestock	perennial plantings	
USSR.	117889	83068	51616	5607	8233	3004	405	10567	1577	
RSFSR	55055	38641	23819	2728	4266	1415	204	5202	189	
Ukrainian SSR	34647	23847	15615	1317	2102	856	87	2935	414	
Belorussian SSR	7332	4884	3134	263	503	165	26	696	9	
Uzbek SSR	2932	2319	1154	411	254	104	6	209	73	
Kazakh SSR.	2717	1874	976	181	238	95	20	297	16	
Georgian SSR.	1138	904	359	36	25	21	10	82	349	
Azerbaijan SSR.	873	675	349	73	56	29	1	84	32	
Lithuanian SSR.	4093	3048	2196	133	251	83	16	256	3	
Moldavian SSR	2137	1625	867	27	64	32	5	185	403	
Latvian SSR	2061	1524	1075	65	134	54	6	141	2	
Kirgiz SSR.	1301	970	546	59	71	35	15	204	7	
Tadzhik SSR	845	654	390	80	55	29	3	59	18	
Armenian SSR.	402	289	151	17	14	10	0.3	53	37	
Turkmen SSR	1260	1015	426	184	123	49	4	89	25	
Estonian SSR.	1096	799	559	33	77	27	2	75	0.4	

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Fixed Production Capital and Physical Working Capital of Interfarm Agricultural Enterprises
by Union Republics at the End of 1978
(according to the balance sheet value excluding wear; millions of rubles)

	of it										
	All fixed production capital and physical capital	including agricultural fixed production capital	buildings, structures and conveying equipment	power machinery and equipment	operating machinery and equipment	vehicles	draft animals	productive livestock	perennial plantings		
USSR.	5618	3910	2983	262	298	138	2	83	83		
RSFSR	1812	1209	1003	64	64	39	0.6	19	5		
Ukrainian SSR	1389	955	790	47	50	31	0.6	16	2		
Belorussian SSR	93	52	41	2	3	3	0.0	0.6	0.0		
Uzbek SSR	135	76	56	8	4	4	0.0	1	0.5		
Kazakh SSR.	11	10	9	0.2	0.0	0.1	--	--	--		
Georgian SSR.	214	153	121	6	4	4	0.1	9	6		
Azerbaijan SSR.	102	77	60	3	3	2	0.0	3	5		
Lithuanian SSR.	67	54	49	1	1	2	0.1	1	--		
Moldavian SSR	1480	1134	720	118	159	44	0.4	21	60		
Latvian SSR	1	1	0.7	0.0	0.0	0.3	--	--	--		
Kirgiz SSR.	160	88	68	6	4	4	0.3	2	1.5		
Tadzhik SSR.	67	44	23	3	2	2	0.2	10	3		
Armenian SSR.	25	17	13	1	0.5	1	0.0	0.7	0.2		
Turkmen SSR.	45	29	20	3	2	2	0.0	0.1	0.0		
Estonian SSR.	17	11	9	0.2	1	0.0	0.0	0.0	0.0		

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Fixed Production Capital and Physical Working Capital of Sovkhozes
by Union Republics at the End of 1978
(according to the balance sheet value excluding wear; millions of rubles)

	of it									
	All fixed production capital and physical working capital	including agricultural fixed production capital	buildings, structures and conveying equipment	power machinery and equipment	operating machinery and equipment	vehicles	draft animals	productive livestock	perennial plantings	
USSR.	133557	96634	56101	6816	10383	3596	519	9956	5186	
RSFSR	75633	54110	32989	3778	6050	2012	281	5818	1445	
Ukrainian SSR	14870	10439	6166	563	1044	403	35	974	1043	
Belorussian SSR	4547	3105	1938	183	352	125	19	399	16	
Uzbek SSR	5384	4812	2314	436	369	139	12	232	300	
Kazakh SSR.	17867	12686	6413	1302	1851	604	114	1647	213	
Georgian SSR.	1957	1652	751	59	46	28	4	68	653	
Azerbaijan SSR.	1990	1246	352	79	52	38	2	79	600	
Lithuanian SSR.	2116	1628	1194	62	114	41	10	115	17	
Moldavian SSR	2158	1635	720	80	124	37	4	62	579	
Latvian SSR	1809	1392	987	52	125	45	5	105	6	
Kirgiz SSR.	1391	995	513	60	68	33	25	179	59	
Tadzhik SSR	959	721	428	54	39	25	3	66	61	
Armenian SSR.	1103	834	437	40	32	22	1	88	169	
Turkmen SSR	433	351	186	29	18	11	1	35	22	
Estonian SSR.	1340	1028	713	39	99	33	3	89	3	

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Fleet of Tractors, Combines and Trucks in Agriculture
(at end of the year)

	1928	1940	1965	1970	1975	1976	1977	1978
Tractors:*								
thousands.	27	531	1613	1977	2334	2400	2458	2515
total horsepower of engines,								
millions of hp	0.5	18	78	112	152	163	171	179
Grain harvesting combines,	2							
thousands.	units	182	520	623	680	685	693	700
Trucks:								
thousands.	0.7	228	945	1136	1396	1442	1501	1522
total carrying capacity, thou-								
sands of tons.	1.4	479	2580	3327	4446	4737	5051	5229

* In this and subsequent tables the data are cited without tractors on which reclamation and other machinery has been mounted. In 1978 there were 313,000 such tractors in agriculture, the total horsepower of their engines was 22 million hp.

Fleet of Tractors and Grain Harvesting Combines in Agriculture
by Union Republics at the End of 1978

	Tractors		Grain harvesting combines, thou- sands
	thousands	total horsepower of engines, mil- lions of hp	
USSR.	2515.1	179.1	699.6
RSFSR	1303.7	96.3	428.6
Ukrainian SSR	399.4	27.2	84.6
Belorussian SSR	112.3	6.7	28.4
Uzbek SSR	151.8	9.3	7.8
Kazakh SSR.	239.7	21.2	112.4
Georgian SSR.	24.5	1.4	1.7
Azerbaijan SSR.	33.1	2.0	4.3
Lithuanian SSR.	45.8	2.8	10.3
Moldavian SSR	49.3	2.8	3.6
Latvian SSR	32.2	2.0	6.5
Kirgiz SSR.	25.9	1.5	4.2
Tadzhik SSR	30.6	1.7	1.3
Armenian SSR.	12.4	0.7	1.5
Turkmen SSR	35.1	2.3	1.0
Estonian SSR.	19.3	1.2	3.4

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Pool of Basic Agricultural Machinery in Agriculture
(at end of the year; thousands)

	1940*	1965	1970	1975	1976	1977	1978
Tractor plows.	512	1108	1056	1137	1100	1085	1079
Tractor spreaders (excluding fertil- izer spreaders).	306	1274	1278	1248	1267	1297	1327
Tractor cultivators.	272	977	1144	1055	1085	1105	1101
Windrow harvesters	1.7	401	335	383	404	428	447
Corn harvesting combines	--	65	34	47	52	54	54
Potato harvesting combines	--	21	36	62	67	69	70
Sugar beet harvesting combines	--	68	57	68	69	70	69
Silage harvesting combines	--	205	139	252	266	281	281
Cotton harvesting machines	0.8	34	39	44	45	48	51
Tractor flax combines and flax pullers	11	27	30	33	34	33	32
Complex grain cleaning machines. . . .	8	129	151	141	127	117	107
Sprinkling and irrigation machinery and systems.	--	31	57	103	117	130	137

*Kolkhozes and sovkhoses, excluding machine and tractor stations.

Delivery of Tractors, Trucks and Agricultural Machinery to Agriculture
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Tractors*--total.	20.3	239.5	309.3	370.4	368.6	364.6	370.6
including plowing tractors.	14.3	76.7	124.0	166.8	172.9	170.7	175.6
Of the total number of tractors:							
wheel tractors--total	6.0	153.9	177.3	222.2	216.5	216.7	217.9
of them:							
YuMZ-6M, YuMZ-6L.	--	--	--	23.9	22.2	22.5	26.3
MTZ-50M, MTZ-50L.	--	56.8	47.3	30.9	20.8	20.3	19.1
MTZ-52M, MTZ-52L.	--	4.8	14.1	16.9	17.4	17.9	4.8
MTZ-80, MTZ-80L	--	--	--	13.9	21.5	19.1	20.6
T-25, T-25A, T-25A-1.	--	--	22.0	23.2	18.2	20.1	20.8
T-40, T-40M	--	28.7	6.9	17.9	18.9	19.4	16.7
T-40A, T-40AM	--		24.3	22.2	20.4	19.3	21.8
T-16, T-16M	--	9.3	14.4	19.7	20.2	20.5	19.9
K-700, K-700A	--	3.1	7.4	9.5	7.6	8.7	7.6
K-701	--	--	--	5.0	8.7	7.9	8.8
T-150K.	--	--	--	18.0	19.2	20.8	21.4
caterpillar tractors--total	14.8	85.6	132.0	148.2	152.1	147.9	152.7
of them:							
T-74.	--	29.0	29.0	31.2	27.5	28.6	27.3
DT-75, DT-75A, DT-75AM.	--	35.3	61.9	72.8	79.4	74.5	81.3
T-4, T-4A	--	0.9	12.0	9.0	9.6	9.9	9.9
T-70S	--	--	--	4.2	8.5	8.9	9.0

*Moreover, tractors were delivered for making up sets of earth-moving and other equipment at the expense of the capital of agriculture: in 1970--2,600, 1975--9,700, 1976--3,500, 1977--8,300, 1978--500.

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Total horsepower of engines of all tractors, millions of hp. .	0.9	12.8	19.0	27.3	28.5	28.3	29.4
Trucks, including specialized trucks and chassis--total . . .	17.5	94.3	156.6	269.4	269.1	268.3	269.9
including trucks.	17.5	70.2	125.8	228.5	226.1	224.4	224.1
Tractor plows	38.4	158.5	207.2	191.1	184.6	176.2	200.3
Tractor stubble breakers. . . .	12.8	44.2	38.2	31.3	28.7	31.7	28.5
Tractor spreaders	21.4	259.5	187.0	213.7	222.6	232.4	231.7
Tractor cultivators	32.3	208.3	204.6	181.7	186.6	181.6	188.4
Grain harvesting combines . . .	12.8	79.4	97.1	92.0	97.5	100.8	111.2
Windrow harvesters.	--	97.7	47.7	91.5	92.1	92.3	94.9
Corn harvesting combines. . . .	--	0.1	5.0	10.1	10.9	10.8	9.3
Potato harvesting combines. . .	--	6.1	8.0	12.0	12.2	12.1	10.9
Sugar beet harvesting combines. --	--	17.3	9.6	17.3	14.3	14.4	14.4
Silage harvesting combines. . .	--	22.9	32.9	70.1	53.6	57.3	49.3
Cotton harvesting machines. . .	--	8.0	5.9	7.5	7.9	8.7	8.8
Tractor mowers.	3.3	120.9	142.6	82.7	87.2	96.3	106.6
Tractor rakes	0.9	39.8	61.0	46.6	41.1	47.4	48.1
Mineral fertilizer spreaders. .	--	--	55.8	62.7	59.2	61.0	61.2
Pick-up bailers	--	6.0	13.9	33.4	33.1	31.5	32.0
Universal loaders	--	68.9	75.3	87.3	93.0	94.1	87.4
Milking machines.	--	6.1	50.0	54.5	54.5	56.0	53.8
Sprinkling machines and systems	--	13.5	12.7	27.9	28.3	27.6	24.1

Land Area

Total Land Area of USSR and Distribution of Farming Land by Land Users
on 1 November 1978
(millions of hectares)

	Total land area	All farming land (plowland, fallow, orchards, vineyards, hay fields and pas- tures, except rein- deer pastures)	including		
			plowland	hay fields	pastures
Lands of kolkhozes--total. .	254.5	180.4	103.7	11.8	62.8
including:					
public lands (including					
lands of long-term use					
in state land reserve					
and at lumber organiza-					
tions)	250.0	176.1	100.1	11.6	62.8

/Table continued on following page/

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	Total land area	All farming land (plowland, fallow, orchards, vineyards, hay fields and pas- tures, except rein- deer pastures)	including		
			plowland	hay fields	pastures
private plots used by kolkhoz farmers.	4.1	3.9	3.3	0.2	--
lands of kolkhozes at the personal use of workers and employees.	0.38	0.34	0.28	0.02	--
Lands of sovkhoses and other state farms (including lands of long-term use in state land reserve and at lumber organizations)	789.0	367.1	119.3	23.4	221.8
Lands at the personal use of workers and employees (except plots on kolkhoz lands).	3.9	3.7	2.6	0.4	--
Total land at use of agricultural enterprises and farms.	1049.8	552.7	226.2	35.7	285.4
State land reserve and lumber organizations (excluding lands of long-term use of kolkhozes and sovkhoses)	1116.5	34.8	0.3	5.3	29.0
Other land users	61.2	18.6	0.4	1.0	17.1
All land (territory)	2227.5*	606.1	226.9	42.0	331.5

* With allowance made for the Sea of Azov and the White Sea the territory of the USSR is 2,240,200,000 hectares.

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Timber Resources by Union Republics on 1 January 1978
(according to data of record of timber fund)

	Forested area, mil- lions of hectares	including state area	Forested area as a percentage of total territory	Total timber re- serve, billions of m ³	including in state forests
USSR.	791.6	772.2	35.6	84.15	82.40
RSFSR	749.5	734.3	43.9	80.65	79.21
Ukrainian SSR	8.3	6.6	13.8	1.04	0.92
Belorussian SSR	7.2	6.4	34.5	0.74	0.70
Uzbek SSR	2.4	2.4	5.3	0.02	0.02
Kazakh SSR.	9.0	9.0	3.3	0.32	0.32
Georgian SSR.	2.7	2.3	38.6	0.39	0.37
Azerbaijan SSR.	0.9	0.8	10.5	0.11	0.11
Lithuanian SSR.	1.8	1.4	27.6	0.23	0.20
Moldavian SSR	0.3	0.3	8.0	0.03	0.02
Latvian SSR	2.6	2.1	40.7	0.34	0.28
Kirgiz SSR.	0.7	0.7	3.5	0.02	0.02
Tadzhik SSR	0.4	0.4	3.6	0.01	0.01
Armenian SSR.	0.3	0.3	9.9	0.03	0.03
Turkmen SSR	3.8	3.8	7.9	0.01	0.01
Estonian SSR.	1.7	1.4	38.4	0.21	0.18

Reforestation and Forestation
(thousands of hectares)

Years	Reforestation and forestation-- total	including	
		sowing and plant- ing of forests	promotion of natural reforestation
1950	1088	729	359
1955	1188	582	606
1960	1577	824	753
1965	2011	1223	788
1970	2354	1290	1064
1975	2363	1275	1088
1976	2329	1238	1091
1977	2354	1247	1107
1978	2395	1291	1104

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Organization of Forests

Years	Millions of hectares	Years	Millions of hectares
1950	20.7	1975	46.0
1955	31.7	1976	46.4
1960	41.3	1977	47.1
1965	39.5	1978	47.0
1970	41.6		

Forest Improvement Cutting and Selective Sanitary Felling

Years	Thousands of hectares	Timber felled, millions of solid m ³
1950	2523	24.2
1955	2365	21.0
1960	2699	22.3
1965	3110	30.0
1970	3823	44.1
1975	3979	49.7
1976	4015	51.6
1977	3971	52.8
1978	3952	52.1

Total Land Area and Area of Farming Land by Union Republics
on 1 November 1978
(millions of hectares)

	Total land area (territory)	Land area in use by agricultural enterprises and farms	All farming land in use by agricultural enterprises and farms	including		
				plowland	hay fields	pastures
USSR.	2227.5	1049.8	552.7	226.2	35.7	285.4
RSFSR	1707.5	658.7	219.3	133.9	24.9	59.2
Ukrainian SSR . .	60.4	48.8	42.1	34.2	2.1	4.6
Belorussian SSR .	20.7	12.7	9.8	6.2	1.6	1.8
Uzbek SSR	44.8	32.9	26.2	3.9	0.1	21.8
Kazakh SSR. . . .	271.7	212.0	192.3	35.3	5.5	151.1
Georgian SSR. . .	7.0	4.6	3.1	0.8	0.2	1.8
Azerbaijan SSR. .	8.7	6.7	4.1	1.4	0.1	2.0
Lithuanian SSR. .	6.5	4.7	3.6	2.5	0.4	0.7
Moldavian SSR . .	3.4	2.9	2.6	1.8	0.0	0.3
Latvian SSR . . .	6.4	3.9	2.5	1.7	0.2	0.6
Kirgiz SSR. . . .	19.8	16.0	10.1	1.3	0.2	8.5
Tadzhik SSR . . .	14.3	9.4	4.2	0.8	0.0	3.3
Armenian SSR. . .	3.0	2.3	1.3	0.5	0.1	0.6
Turkmen SSR . . .	48.8	31.6	30.0	0.9	0.0	28.9
Estonian SSR. . .	4.5	2.6	1.5	1.0	0.3	0.2

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Distribution of Farming Lands by Land Users by Union Republics
on 1 November 1978
(millions of hectares)

	All farming lands (plowland, fallow, orchards, vineyards, hay fields and pastures) used by agricultural enterprises and farms	including of them				
		lands of kolkhozes	public lands of kolkhozes (including long-term use in state land reserve and timber organizations)	private plots used by kolkhoz farmers	lands of sovkhozes and other state farms (including long-term use in state land reserve and timber organizations)	lands at personal use of workers and employees (excluding plots on kolkhoz lands)
USSR.	552.7	180.4	176.1	3.92	367.1	3.66
RSFSR	219.3	90.0	88.6	1.30	127.0	1.98
Ukrainian SSR	42.1	31.3	29.5	1.71	10.1	0.63
Belorussian SSR	9.8	6.1	5.7	0.29	3.4	0.28
Uzbek SSR	26.2	3.4	3.3	0.08	22.7	0.07
Kazakh SSR.	192.3	15.1	15.1	0.03	177.0	0.17
Georgian SSR.	3.1	1.5	1.4	0.09	1.4	0.08
Azerbaijan SSR.	4.1	1.8	1.8	0.03	2.1	0.06
Lithuanian SSR.	3.6	2.4	2.2	0.14	1.1	0.13
Moldavian SSR	2.6	1.6	1.5	0.10	0.7	0.07
Latvian SSR	2.5	1.3	1.3	0.05	1.1	0.07
Kirgiz SSR.	10.1	5.1	5.1	0.03	4.8	0.04
Tadzhik SSR	4.2	1.4	1.3	0.02	2.4	0.02
Armenian SSR.	1.3	0.4	0.4	0.01	0.9	0.02
Turkmen SSR	30.0	18.3	18.2	0.02	11.7	0.00
Estonian SSR.	1.5	0.7	0.7	0.02	0.7	0.04

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Distribution of Plowland by Land Users by Union Republics
on 1 November 1978
(millions of hectares)

		including		
	All plowland used by agri- cultural enterprises and farms	plowland of kolkhozes with private plots (in- cluding long-term use in state land reserve and timber organizations)	of them public plowland of kolkhozes (including long-term use in state land reserve and timber organizations)	plowland of sovkhoses and other state farms (in- cluding long-term use in state land reserve and timber organizations)
USSR.	226.2	103.70	100.09	119.29
RSFSR	133.9	60.83	59.58	71.42
Ukrainian SSR	34.2	25.78	24.17	7.95
Belorussian SSR	6.2	3.80	3.54	2.18
Uzbek SSR	3.9	1.71	1.65	2.16
Kazakh SSR.	35.3	4.24	4.21	30.94
Georgian SSR.	0.8	0.36	0.31	0.34
Azerbaijan SSR.	1.4	0.79	0.77	0.53
Lithuanian SSR.	2.5	1.65	1.52	0.72
Moldavian SSR	1.8	1.20	1.13	0.43
Latvian SSR	1.7	0.92	0.87	0.74
Kirgiz SSR.	1.3	0.63	0.61	0.64
Tadzhik SSR	0.8	0.45	0.43	0.32
Armenian SSR.	0.5	0.17	0.17	0.28
Turkmen SSR	0.9	0.72	0.70	0.13
Estonian SSR.	1.0	0.45	0.43	0.51

Plant Growing

Sown Areas
(at all categories of farms; millions of hectares)

	1913	1940	1965	1970	1975	1976	1977	1978
Total sown area.	118.2	150.6	209.1	206.7	217.7	217.9	217.7	218.2
Sown area of all cereal crops.	104.6	110.7	128.0	119.3	127.9	127.8	130.4	128.5
Winter cereal crops.	37.1	38.2	37.2	29.8	29.2	27.5	28.9	32.3
of them:								
wheat.	8.3	14.3	19.8	18.5	19.6	17.3	20.7	23.1
rye.	28.2	23.1	16.0	10.0	8.0	9.0	6.7	7.7

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	1913	1940	1965	1970	1975	1976	1977	1978
barley.	0.6	0.8	1.4	1.3	1.6	1.2	1.5	1.5
Spring cereal crops . . .	67.5	72.5	90.8	89.5	98.7	100.3	101.5	96.2
of them:								
wheat	24.7	26.0	50.4	46.7	42.4	42.2	41.3	39.8
grain corn.	2.2	3.7	3.2	3.4	2.6	3.3	3.4	2.5
barley.	12.7	10.5	18.3	20.0	30.9	33.1	33.0	31.2
oats.	19.1	20.2	6.6	9.2	12.1	11.3	13.0	12.1
millet.	3.5	6.0	3.3	2.7	2.8	3.0	3.1	2.9
buckwheat	2.2	2.0	1.8	1.9	1.5	1.4	1.8	1.8
rice.	0.3	0.2	0.2	0.4	0.5	0.5	0.5	0.6
legumes	1.6	3.2	6.8	5.1	5.7	5.2	5.2	5.1
Sown area of industrial crops	4.9	11.8	15.3	14.5	14.1	14.6	14.7	14.7
including:								
cotton.	0.69	2.08	2.44	2.75	2.92	2.95	2.99	3.04
sugar beets (factory) . .	0.68	1.23	3.88	3.37	3.67	3.75	3.76	3.76
fiber flax.	1.25	2.10	1.48	1.28	1.22	1.21	1.21	1.20
hemp.	0.68	0.60	0.27	0.20	0.15	0.14	0.14	0.13
oil-bearing crops	--	5.02	6.53	6.26	5.53	5.91	5.98	5.97
including sunflowers. . .	0.98	3.54	4.87	4.78	4.04	4.53	4.57	4.56
Sown area of potatoes, vegetable and cucurbitaceous crops	5.1	10.0	10.6	10.1	10.1	9.2	9.2	9.3
including:								
potatoes.	4.2	7.7	8.6	8.1	7.9	7.1	7.1	7.0
vegetables.	0.6	1.5	1.4	1.5	1.7	1.6	1.6	1.7
Sown area of fodder crops .	3.3	18.1	55.2	62.8	65.6	66.3	63.4	65.7
including:								
perennial grasses (mowing area of sowing of past years and pure sowings of current year)	2.5	12.1	13.4	21.7	25.4	25.1	26.1	25.3
annual grasses (including sowings of winter grasses for fodder)	0.8	4.2	16.6	18.0	16.7	16.6	16.0	17.8
corn for silage and green fodder (milky-wax and up to milky-wax ripeness). .	--	--	20.2	18.0	17.3	18.1	15.5	16.7
fodder root crops and fields of fodder cucurbits.	--	1.0	1.7	1.8	1.8	1.9	1.8	1.8
Area of clean fallows . . .	--	28.9	14.7	18.4	11.2	11.7	12.4	12.4

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Sown Areas by Categories of Farms in 1978
(millions of hectares)

	Total sown area	including			
		cereal crops	industrial crops	potatoes, vegetable and cucur- bitaceous crops	fodder crops
All categories of farms	218.15	128.46	14.75	9.25	65.69
including:					
kolkhozes, interfarm enterprises, sov- khozes and other state farms.	212.10	127.53	14.68	5.00	64.89
private subsidiary farms.	6.05	0.93	0.07	4.25	0.80

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Sown Areas by Union Republics in 1978
(at all categories of farms; thousands of hectares)

	Total sown area	Cereal crops	wheat		winter and spring rye	grain corn	including barley		oats	millet	buckwheat	rice	legumes
			winter	spring			winter	spring					
USSR	218153	128465	23122	39776	7719	2535	1430	31260	12097	2924	1773	580	5058
RSFSR	126600	77027	11125	23372	5551	558	464	19015	10311	1741	1134	311	3397
Ukrainian SSR	33298	16692	8264	22	673	1183	209	3689	723	299	335	39	1226
Belorussian SSR	6269	2864	135	35	861	--	--	1256	390	0.1	44	--	143
Uzbek SSR	3863	1194	540	39	4	152	298	54	1	--	--	94	6
Kazakh SSR	35869	25422	1199	16270	296	97	91	5648	376	882	260	120	120
Georgian SSR	731	334	123	1	1	134	28	17	16	--	--	--	14
Azerbaijan SSR	1288	579	391	0.3	0.3	9	166	2	3	0.4	--	1	5
Lithuanian SSR	2395	1118	227	--	164	--	--	528	93	--	--	--	96
Moldavian SSR	1834	921	421	--	5	330	60	62	7	1	0.1	--	34
Latvian SSR	1655	740	102	0.1	111	--	--	404	104	--	--	--	5
Kirgiz SSR	1299	594	285	7	1	39	10	244	6	--	--	0.4	2
Tadzhik SSR	793	253	145	9	2	9	42	23	9	0.1	--	6	8
Armenian SSR	429	159	87	2	0.3	0.3	6	56	4	--	--	--	1
Turkmen SSR	876	124	32	0.3	0.1	24	56	0.4	--	--	--	9	0.2
Estonian SSR	954	444	46	19	50	--	--	262	54	--	--	--	1

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	Indus- trial crops	cot- ton	including			Potatoes	Vege- tables*	Fodder crops
			sugar (factory)	beets	fiber flax			
USSR.	14745	3038	3763	1197	4558	7042	1646	65692
RSFSR	6463	--	1618	650	2607	3860	701	38329
Ukrainian SSR	4060	--	1811	235	1689	1698	494	10185
Belorussian SSR	305	--	52	249	--	812	50	2235
Uzbek SSR	1855	1824	--	--	1	22	94	641
Kazakh SSR.	366	117	77	--	102	181	60	9799
Georgian SSR.	46	--	4	--	14	32	37	276
Azerbaijan SSR.	245	224	--	--	2	19	40	395
Lithuanian SSR.	76	--	35	39	--	145	23	1034
Moldavian SSR	338	--	109	--	142	40	66	454
Latvian SSR	30	--	11	18	--	107	14	764
Kirgiz SSR.	132	72	41	--	1	20	14	533
Tadzhik SSR	303	295	--	--	0.2	10	14	205
Armenian SSR.	14	--	5	--	0.1	18	17	216
Turkmen SSR	506	506	--	--	0.1	2	17	203
Estonian SSR.	6	--	--	6	--	76	5	423

* Excluding the area of sowing and plantings of vegetables for seeds.

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Varietal Plantings of Agricultural Crops at Kolkhozes and Sovkhozes
(percent of total area of planting of given crop)

	1965	1970	1975	1976	1977	1978
Cereal crops (excluding corn).	89	95	97	98	98	99
Winter cereal crops.	97	98	99.4	99.4	99.3	99.4
wheat.	98	99	99.8	99.7	99.7	99.7
rye.	96	97	99	99.2	98	99
barley	94	94	99	96	97	98
Spring cereal crops (excluding corn).	86	95	97	97	98	98
wheat.	90	97	99	99.2	99.4	99.6
barley	89	95	97	97	98	99
oats	66	82	89	91	92	94
millet	92	97	98	94	98	99
buckwheat.	69	89	97	97	96	98
rice	87	96	99.4	99.6	99	99.6
Grain corn	99.4	99.9	99.8	99.7	99.7	99.8
Soybeans	87	95	98	99	99	99
Sugar beets (factory).	99	100	99.9	99.9	100	100
Sunflowers	99	99.4	99.9	99.8	99.6	99.9
Hemp	91	98	98	99	99.6	99
Fiber flax	99	99.8	99	99.4	99	99
Crown flax	60	78	86	81	81	86
Potatoes	50	73	76	77	70	74

Plantings of Agricultural Crops With Regionalized Varieties
at Kolkhozes and Sovkhozes by Union Republics in 1978
(percent of total area of planting of given crop)

	Cereal crops (excluding corn)	Wheat		Barley		Oats	Sugar beets (factory)	Sunflowers	Fiber flax	Potatoes
		winter	spring	winter rye	Grain corn					
USSR.	92	96	97	89	69	82	91	84	80	93
RSFSR	91	97	95	89	68	82	92	83	65	94
Ukrainian SSR	93	96	63	87	74	91	89	94	91	93
Belorussian SSR	96	96	98	98	--	--	98	98	69	--
Uzbek SSR	80	87	64	--	94	76	48	39	--	--
Kazakh SSR.	96	95	99	67	55	99.8	88	83	93	90
Georgian SSR.	86	98	90	--	78	91	96	--	83	100
Azerbaijan SSR.	83	89	--	--	89	73	82	44	--	14

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			Wheat			Barley									
			Cereal crops (excluding corn)												
			winter	spring	Winter rye	Grain corn	winter	spring	Oats	Sugar beets (factory)	Sunflowers	Fiber flax	Potatoes		
Lithuanian SSR.	97	99	--		93	--	--	99	99.8	54	--	96	85		
Moldavian SSR.	85	88	--		62	31	94	53	94	99	91	--	5		
Latvian SSR.	97	97	93		90	--	--	99.6	98	90	--	72	97		
Kirgiz SSR.	88	89	50		68	56	94	88	100	97	--	--	81		
Tadzhik SSR.	55	60	64		--	96	40	26	96	--	--	--	91		
Armenian SSR.	93	89	67		100	100	87	100	100	100	--	--	69		
Turkmen SSR.	89	93	--		--	84	86	--	--	--	--	--	37		
Estonian SSR.	95	89	99.95		90	--	--	95	99	--	--	82	98		

Gross Harvest of Grain by Union Republics
(at all categories of farms; thousands of tons)

		Average a year				1976	1977	1978
		1940	1966- 1970	1971- 1975	1976- 1978			
USSR.	95638	167562	181554	218886	223755	195727	237176	
RSFSR.	55637	100461	102941	124030	127059	108717	136312	
Ukrainian SSR.	26420	33362	40012	47900	44567	48516	50616	
Belorussian SSR.	2727	3550	5542	7101	7404	6618	7281	
Uzbek SSR.	601	862	1053	2087	2001	1722	2538	
Kazakh SSR.	2516	20668	21662	25142	29826	17727	27874	
Georgian SSR.	538	642	714	718	766	716	671	
Azerbaijan SSR.	567	710	829	1142	1184	1074	1169	
Lithuanian SSR.	1536	1834	2251	2966	3220	2881	2798	
Moldavian SSR.	1810	2231	2600	2955	2258	3072	3536	
Lavtian SSR.	1372	1035	1345	1518	1889	1547	1119	
Kirgiz SSR.	588	953	1087	1332	1360	1134	1502	
Tadzhik SSR.	324	220	203	293	305	238	336	
Armenian SSR.	223	241	263	303	314	317	277	
Turkmen SSR.	124	88	151	241	258	205	259	
Estonian SSR.	655	705	901	1158	1344	1243	888	

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Yield of Cereal Crops by Union Republics
(at all categories of farms; quintals per hectare)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	8.6	13.7	14.7	17.0	17.5	15.0	18.5
RSFSR	7.9	13.5	13.7	16.0	16.5	13.9	17.7
Ukrainian SSR	12.4	21.4	24.7	28.7	27.9	27.9	30.3
Belorussian SSR	8.0	13.1	21.3	25.1	26.8	23.2	25.4
Uzbek SSR	4.1	7.4	9.5	17.7	16.9	14.9	21.2
Kazakh SSR.	4.3	8.8	9.0	9.9	11.7	7.0	11.0
Georgian SSR.	6.6	14.6	18.5	20.3	20.9	19.8	20.1
Azerbaijan SSR.	7.1	10.9	13.8	18.9	18.9	17.5	20.2
Lithuanian SSR.	9.4	20.3	22.9	26.8	29.4	25.9	25.0
Moldavian SSR	10.8	25.7	32.0	33.6	28.8	33.7	38.4
Latvian SSR	12.1	18.0	21.8	21.1	26.9	21.3	15.1
Kirgiz SSR.	7.6	15.6	18.7	22.7	22.8	20.0	25.3
Tadzhik SSR	5.7	6.6	8.3	12.3	11.4	12.4	13.0
Armenian SSR.	6.6	12.0	15.6	18.5	19.0	19.1	17.4
Turkmen SSR	5.7	8.6	14.0	19.7	21.0	17.2	20.8
Estonian SSR.	11.5	21.5	24.0	26.5	31.0	28.4	20.0

Gross Harvest of Individual Cereal Crops by Union Republics
(at all categories of farms)

	Winter and spring wheat	Winter and spring rye	Grain corn	Winter and spring barley	Oats	Millet	Buckwheat	Rice	Legumes
USSR, millions of tons:									
1913.	26.3	23.2	2.1	12.1	17.0	2.53	1.10	0.32	1.09
1940.	31.8	21.1	5.2	12.0	16.8	4.39	1.31	0.30	2.18
1965.	59.7	16.2	8.0	20.3	6.2	2.20	0.95	0.58	6.69
1970.	99.7	13.0	9.4	38.2	14.2	2.10	1.08	1.28	7.62
1975.	66.2	9.1	7.3	35.8	12.5	1.13	0.49	2.01	5.32
1976.	96.9	14.0	10.1	69.5	18.1	3.20	0.90	2.00	8.65
1977.	92.2	8.5	11.0	52.7	18.4	2.01	1.04	2.22	7.48
1978--total	120.8	13.6	9.0	62.1	18.5	2.20	0.98	2.10	7.75

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	Winter and spring wheat	Winter and spring rye	Grain corn	Winter and spring barley	Oats	Millet	Buckwheat	Rice	Legumes
including by union republics, thousands of tons:									
RSFSR.	66499	8897	1583	36479	15046	1371	549	1043	4545
Ukrainian SSR.	29180	1384	3820	10875	1661	444	325	118	2762
Belorussian SSR.	490	2299	--	3446	890	0.0	14	--	142
Uzbek SSR.	674	5	1053	375	1	--	--	413	5
Kazakh SSR.	18832	294	459	6712	489	380	97	478	83
Georgian SSR.	268	2	290	87	16	--	--	--	8
Azerbaijan SSR.	824	1	24	304	5	0.0	--	1	10
Lithuanian SSR.	757	401	--	1321	184	--	--	--	117
Moldavian SSR.	1708	11	1380	357	16	1	0.1	--	61
Latvian SSR.	254	194	--	564	94	--	--	--	3
Kirgiz SSR.	748	1	203	534	13	--	--	1	2
Tadzhik SSR.	191	1	47	63	5	0.0	--	22	6
Armenian SSR.	171	0.2	1	97	3	--	--	--	2
Turkmen SSR.	68	0.1	91	74	--	--	--	20	1
Estonian SSR.	156	117	--	519	84	--	--	--	1

Yield of Individual Cereal Crops by Union Republics
(at all categories of farms; quintals per hectare)

	Wheat		Winter rye	Grain corn	Barley		Oats	Millet	Buckwheat	Rice	Legumes
	winter	spring			winter	spring					
USSR											
1913.	10.0	7.3	8.0	9.4	6.5	9.2	8.9	7.2	5.1	11.9	7.0
1940.	10.1	6.6	9.1	13.8	8.6	10.8	8.3	7.4	6.4	17.3	6.9
1965.	16.1	5.5	10.1	25.2	13.2	10.1	9.3	6.8	5.3	26.9	9.9
1970.	22.8	12.3	13.0	28.0	18.0	17.9	15.3	7.8	5.7	36.5	14.9
1975.	18.7	7.0	11.3	27.4	18.3	10.6	10.3	3.9	3.3	40.1	9.3
1976.	25.9	12.4	15.5	30.6	20.3	20.3	16.1	10.5	5.2	38.2	16.7
1977.	25.1	9.7	12.7	32.5	20.5	15.0	14.1	6.5	5.9	40.6	14.3
1978.	29.8	13.0	17.6	35.2	23.5	18.8	15.3	7.5	5.5	36.1	15.2

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	Wheat				Barley							
	winter	spring	Winter rye	Grain corn	winter	spring	Oats	Millet	Buckwheat	Rice	Legumes	
by union republics												
in 1978:												
RSFSR.	28.3	15.0	16.0	28.4	33.3	18.5	14.6	7.9	4.8	33.5	13.4	
Ukrainian SSR. .	35.2	28.0	20.6	32.2	31.6	27.7	23.0	14.6	9.6	30.6	22.2	
Belorussian SSR.	29.4	26.9	26.7	--	--	27.4	22.8	7.3	3.2	--	9.9	
Uzbek SSR. . . .	11.8	9.1	14.9	69.1	11.0	8.6	10.7	--	--	43.8	7.7	
Kazakh SSR. . . .	19.2	10.2	9.9	47.2	12.8	11.7	13.0	4.3	3.8	39.8	7.0	
Georgian SSR. . .	21.8	16.7	15.3	21.6	22.7	14.5	9.4	--	--	--	4.5	
Azerbaijan SSR. .	21.1	6.7	15.0	27.5	18.2	8.2	17.4	0.7	--	10.6	19.0	
Lithuanian SSR. .	33.3	--	24.5	--	--	25.0	19.9	--	--	--	12.2	
Moldavian SSR. .	40.5	--	22.3	41.9	31.3	27.0	24.1	13.4	12.0	--	17.8	
Latvian SSR. . .	24.9	27.5	17.5	--	--	14.0	9.0	--	--	--	7.0	
Kirgiz SSR. . . .	25.8	17.2	11.7	52.1	16.6	21.2	21.3	--	--	21.3	13.7	
Tadzhik SSR. . .	12.7	8.0	10.1	44.3	11.4	6.5	5.6	2.9	--	38.8	7.5	
Armenian SSR. . .	19.4	8.0	5.9	20.7	26.0	14.7	7.9	--	--	--	15.6	
Turkmen SSR. . .	10.8	13.7	12.8	37.7	13.1	16.1	--	--	--	23.5	24.8	
Estonian SSR. . .	22.8	26.9	23.1	--	--	19.8	15.7	--	--	--	7.4	

Gross Harvest (Purchases) of Raw Cotton by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	2237	6099	7667	8512	8278	8758	8499
including:							
Uzbek SSR.	1386	3982	4895	5504	5335	5676	5500
Kazakh SSR.	93	241	305	298	310	324	260
Azerbaijan SSR.	154	328	441	547	532	512	598
Kirgiz SSR.	95	173	205	209	208	215	205
Tadzhik SSR.	172	649	810	873	847	861	909
Turkmen SSR.	211	726	1011	1081	1046	1170	1027

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Yield of Cotton by Union Republics
(at all categories of farms; quintals per hectare)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	10.8*	24.1	27.3	28.5	28.1	29.3	28.0
Uzbek SSR	15.0	25.1	28.5	30.6	30.0	31.6	30.2
Kazakh SSR.	9.2	20.9	26.6	26.3	28.1	28.4	22.3
Azerbaijan SSR.	8.2	16.0	21.6	24.9	24.6	23.5	26.7
Kirgiz SSR.	14.8	23.5	27.6	28.9	28.7	29.6	28.4
Tadzhik SSR	16.2	27.1	30.7	30.3	30.0	30.0	30.8
Turkmen SSR	14.0	23.9	23.1	21.6	21.3	23.2	20.3

* See the footnote on page 179.

Gross Harvest of Sugar Beets (Factory) by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	18018	81118	75983	95485	99872	93099	93483
RSFSR	3239	25520	20812	27784	27832	28360	27161
Ukrainian SSR	13052	46731	45957	57843	61840	55467	56221
Belorussian SSR	—	1039	1106	1248	1067	1352	1324
Kazakh SSR.	385	2276	2195	2150	2140	1687	2624
Georgian SSR.	72	138	132	130	132	137	119
Lithuanian SSR.	255	625	804	758	641	766	866
Moldavian SSR	119	2567	2836	3384	4090	2995	3067
Latvian SSR	251	331	253	274	194	335	293
Kirgiz SSR.	628	1781	1768	1746	1768	1803	1668
Armenian SSR.	17	110	120	168	168	197	140

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Yield of Sugar Beets (Factory) by Union Republics
(at all categories of farms; quintals per hectare)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	146	228	217	254	266	248	248
RSFSR	96	172	142	172	173	174	168
Ukrainian SSR	159	267	268	322	345	310	310
Belorussian SSR	--	214	225	244	216	260	257
Kazakh SSR.	250	333	290	279	272	224	340
Georgian SSR.	130	345	380	371	380	393	339
Lithuanian SSR.	203	222	235	217	186	220	245
Moldavian SSR	271	257	279	292	333	260	282
Latvian SSR	168	205	268	241	184	274	266
Kirgiz SSR.	408	342	374	381	366	367	409
Armenian SSR.	108	250	270	369	369	433	305

Gross Harvest of Flax Fiber by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	349	458	456	458	509	480	384
RSFSR	239	247	207	176	192	216	121
Ukrainian SSR	19	87	120	148	159	137	147
Belorussian SSR	36	105	111	112	131	102	103
Lithuanian SSR.	30	12	13	16	20	19	10
Latvian SSR	18	6	4	4	5	4	2
Estonian SSR.	7	1	1	2	2	2	1

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Yield of Flax Fiber by Union Republics
(at all categories of farms; quintals per hectare)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	1.7	3.4	3.7	3.8	4.2	4.0	3.2
RSFSR	1.6	3.2	3.1	2.7	2.9	3.3	1.9
Ukrainian SSR	1.6	3.8	5.1	6.3	6.7	5.7	6.3
Belorussian SSR	1.3	4.0	4.4	4.5	5.2	4.1	4.1
Lithuanian SSR.	3.1	3.0	2.9	3.9	4.6	4.5	2.6
Latvian SSR	3.1	2.5	2.4	1.9	2.8	2.1	0.9
Estonian SSR.	2.8	3.6	2.7	2.8	3.7	3.2	1.5

Gross Harvest of Sunflowers by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	2636	6389	5974	5505	5277	5904	5333
including:							
RSFSR	1430	3097	2811	2720	2831	2779	2549
Ukrainian SSR	946	2830	2712	2406	2111	2675	2430
Kazakh SSR.	23	81	72	96	87	99	103
Georgian SSR.	11	16	18	13	17	12	11
Moldavian SSR	162	361	357	265	226	334	234

Yield of Sunflowers by Union Republics
(at all categories of farms; quintals per hectare)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	7.4	13.2	13.2	12.0	11.6	12.8	11.7
RSFSR	5.8	11.2	11.4	10.6	11.2	10.7	9.8
Ukrainian SSR	13.1	16.4	15.8	14.1	12.3	15.7	14.3
Kazakh SSR.	1.4	8.1	7.1	10.0	8.9	11.0	10.1
Georgian SSR.	7.2	8.0	10.7	9.6	11.8	9.0	8.0
Moldavian SSR	9.1	16.4	17.6	15.7	12.0	18.5	16.5

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Gross Harvest of Potatoes by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	76130	94813	89782	84947	85102	83652	86087
RSFSR	36424	51521	47089	41288	38902	45106	39857
Ukrainian SSR	20664	20294	21019	22149	23724	18805	23918
Belorussian SSR	11879	13714	12996	13338	14126	11314	14575
Uzbek SSR	113	172	195	205	190	208	218
Kazakh SSR.	394	1741	1819	1888	1747	2189	1728
Georgian SSR.	139	227	237	319	276	321	359
Azerbaijan SSR.	82	123	114	151	161	177	115
Lithuanian SSR.	2726	2844	2516	2143	2251	1912	2267
Moldavian SSR	147	335	299	384	393	369	388
Latvian SSR	2093	1992	1648	1388	1554	1404	1206
Kirgiz SSR.	105	261	300	259	268	273	236
Tadzhik SSR	38	49	101	124	110	123	139
Armenian SSR.	97	195	199	231	207	282	205
Turkmen SSR	6	9	12	14	12	13	16
Estonian SSR.	1223	1336	1238	1066	1181	1156	860

Yield of Potatoes by Union Republic
(at all categories of farms; quintals per hectare)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	99	115	113	120	120	118	122
RSFSR	89	115	106	106	100	116	103
Ukrainian SSR	101	100	111	129	138	110	140
Belorussian SSR	128	140	142	161	167	138	179
Uzbek SSR	48	79	83	93	88	93	98
Kazakh SSR.	40	94	92	107	103	124	95
Georgian SSR.	54	93	89	110	105	115	111
Azerbaijan SSR.	37	84	70	83	89	97	63
Lithuanian SSR.	129	147	148	148	155	132	157
Moldavian SSR	51	77	77	94	97	89	97
Latvian SSR	151	148	138	129	145	130	113
Kirgiz SSR.	76	100	112	126	132	135	112
Tadzhik SSR	41	80	109	139	136	142	140
Armenian SSR.	73	112	109	126	116	149	112
Turkmen SSR	16	69	72	70	65	74	72
Estonian SSR.	147	167	164	141	159	152	113

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Gross Harvest of Vegetables by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	13732	19472	22974	25680	24991	24149	27902
RSFSR	6391	9116	10134	9962	9329	9691	10867
Ukrainian SSR	5486	5585	6577	7831	8213	6944	8337
Belorussian SSR	673	790	753	744	699	637	895
Uzbek SSR	311	702	1127	1894	1710	1844	2127
Kazakh SSR.	172	693	894	950	885	893	1073
Georgian SSR.	104	258	373	500	491	509	501
Azerbaijan SSR.	63	364	530	824	793	803	875
Lithuanian SSR.	170	342	353	277	228	242	362
Moldavian SSR	98	556	842	1133	1136	1008	1254
Latvian SSR	87	258	221	173	155	178	185
Kirgiz SSR.	45	181	271	315	308	323	316
Tadzhik SSR	44	135	257	314	298	329	316
Armenian SSR.	33	227	328	426	432	415	429
Turkmen SSR	32	139	185	249	233	231	283
Estonian SSR.	23	126	129	88	81	102	82

Yield of Vegetables by Union Republics
(at all categories of farms; quintals per hectare)

	1940	Average a year			1976	1977	1978
		1966- 1970	1976 1976	1978			
USSR.	91	132	138	153	152	146	161
RSFSR	77	139	136	142	138	142	147
Ukrainian SSR	113	119	129	152	160	134	161
Belorussian SSR	109	171	153	151	145	134	173
Uzbek SSR	124	135	165	203	192	203	213
Kazakh SSR.	76	141	151	161	155	154	174
Georgian SSR.	71	82	99	118	119	120	115
Azerbaijan SSR.	47	120	146	192	183	186	206
Lithuanian SSR.	119	167	159	138	128	132	155
Moldavian SSR	91	106	129	159	158	140	179
Latvian SSR	96	174	166	134	133	149	120
Kirgiz SSR.	97	147	192	205	205	209	201
Tadzhik SSR	91	128	166	192	183	197	197
Armenian SSR.	65	180	210	242	243	240	242
Turkmen SSR	60	130	141	156	151	146	170
Estonian SSR.	96	207	211	166	159	191	147

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State Purchases of Grain by Crops
(at all categories of farms; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
Grain--total.	36446	36331	73284	50213	92127	68027	95901
including:							
wheat	15645	21840	51046	29522	49309	42211	60622
rye	7992	5451	5399	2865	5078	2156	5660
corn.	627	1295	1724	2366	2539	2272	2084
barley.	4318	4152	9130	9434	24338	13329	18320
oats.	4903	265	1411	2175	2893	2791	3224
millet.	1615	842	972	460	1764	902	1189
buckwheat	437	330	482	156	421	460	424
rice.	133	337	869	1456	1412	1547	1489
legumes	451	1261	1514	607	1619	1034	1459

State Purchases of Grain by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1976	1976- 1978			
USSR.	36446	66018	67623	85351	92127	68027	95901
RSFSR	24238	40219	37481	48412	52583	36441	56211
Ukrainian SSR	9368	11118	13970	17052	14924	18475	17758
Belorussian SSR	436	443	1088	1440	1301	1403	1616
Uzbek SSR	238	414	482	949	1024	810	1014
Kazakh SSR.	1282	12250	12265	14873	19620	8215	16784
Georgian SSR.	35	95	158	176	203	161	164
Azerbaijan SSR.	130	167	236	345	350	332	354
Lithuanian SSR.	--	186	302	323	344	315	310
Moldavian SSR	356	536	848	932	824	1064	907
Latvian SSR	--	168	263	237	287	257	168
Kirgiz SSR.	208	221	263	283	315	239	296
Tadzhik SSR	75	53	54	68	74	55	74
Armenian SSR.	40	33	52	68	70	76	58
Turkmen SSR	40	30	42	56	55	56	57
Estonian SSR.	--	85	119	137	153	128	130

State Purchases of Sugar Beets by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	17357	74426	67907	83363	85142	84869	80078
RSFSR	3044	23298	18632	24617	24659	25825	23367

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	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
Ukrainian SSR.	12669	42850	40785	49788	51211	50555	47600
Belorussian SSR.	--	949	1000	1118	959	1227	1167
Kazakh SSR.	384	2169	2086	2034	2017	1593	2491
Georgian SSR.	71	137	129	128	130	136	117
Lithuanian SSR.	220	575	693	625	553	639	683
Moldavian SSR.	119	2380	2590	3070	3651	2782	2776
Latvian SSR.	216	298	211	210	167	262	202
Kirgiz SSR.	618	1663	1664	1612	1634	1662	1541
Armenian SSR.	16	107	117	161	161	188	134

State Purchases of Flax Fiber by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	245.2	421.4	432.6	417.4	482.7	440.4	329.1
RSFSR.	178.9	224.2	193.4	150.9	172.9	188.1	91.7
Ukrainian SSR.	10.4	80.4	116.3	144.2	155.0	133.4	144.1
Belorussian SSR.	21.6	100.4	106.3	102.7	128.4	96.9	82.8
Lithuanian SSR.	16.4	10.7	11.4	14.8	19.2	17.0	8.3
Latvian SSR.	12.9	4.6	4.2	3.3	5.1	3.2	1.5
Estonian SSR.	5.0	1.2	1.0	1.5	2.1	1.8	0.7

State Purchases of Sunflowers by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	1500	4672	4547	4080	3770	4447	4022
including:							
RSFSR.	911	2351	2149	2061	2102	2148	1934
Ukrainian SSR.	486	1982	2078	1755	1436	1984	1845
Kazakh SSR.	12	59	53	72	62	75	79
Georgian SSR.	3	11	12	10	11	10	8
Moldavian SSR.	86	269	255	182	159	230	156

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State Purchases of Potatoes by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	8642	10921	12732	15209	13436	17122	15069
including:							
RSFSR	5192	7037	7110	8483	6932	10561	7956
Ukrainian SSR	1823	1780	2425	3059	3044	2884	3249
Belorussian SSR	1296	1237	1883	2029	1944	1792	2351
Uzbek SSR	21	58	82	115	107	117	122
Kazakh SSR.	37	153	257	422	311	568	387
Georgian SSR.	19	48	73	128	102	137	146
Azerbaijan SSR.	26	14	23	34	33	37	31
Lithuanian SSR.	10	161	241	273	258	270	290
Moldavian SSR	10	13	21	24	24	26	23
Latvian SSR	146	184	242	219	249	259	149
Kirgiz SSR.	12	49	68	76	75	79	73
Tadzhik SSR	8	12	38	59	54	61	64
Armenian SSR.	11	26	50	78	70	87	77
Estonian SSR.	30	148	215	204	228	239	145

State Purchases of Vegetables by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	2970	9416	13073	16881	16026	16175	18440
including:							
RSFSR	1335	4002	5275	6583	5975	6523	7251
Ukrainian SSR	1329	3071	3935	5028	5139	4554	5392
Belorussian SSR	68	182	259	320	266	277	416
Uzbek SSR	70	499	887	1302	1174	1315	1418
Kazakh SSR.	25	348	532	662	600	627	757
Georgian SSR.	23	115	188	282	274	286	288
Azerbaijan SSR.	25	238	390	605	586	594	634
Lithuanian SSR.	--	49	77	95	77	92	115
Moldavian SSR	47	395	689	922	915	809	1040
Latvian SSR	--	66	94	97	86	107	98
Kirgiz SSR.	8	100	166	226	207	226	246
Tadzhik SSR	5	64	128	192	170	207	200
Armenian SSR.	9	151	250	313	317	305	316
Turkmen SSR	12	96	148	200	192	191	218
Estonian SSR.	--	40	55	54	48	62	51

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Horticulture and Viticulture in 1978

	All cate- gories of farms	including at kolkhozes, inter- farm enterprises, sovkhozes and other state farms	on private subsidiary plots
Area of fruit and berry plantings (including cit- rus), thousands of hectares	3530	1996	1534
including at fruit bear- ing age.	2500	1368	1132
Area of grape plantings, thousands of hectares. . .	1254	1113	141
including at fruit bear- ing age.	845	719	126
Gross harvest of fruit and berries, thousands of tons	14393	8007	6386
including grapes	5500	4237	1263

Area of Fruit, Berry and Grape Plantings by Union Republics in 1978
(at all categories of farms; thousands of hectares)

	Area of fruit and berry plantings (in- cluding citrus)	including at fruit bearing age	Area of grape plantings	including at fruit bearing age
USSR.	3530	2500	1254	845
RSFSR	1178	834	194	115
Ukrainian SSR	1102	796	261	181
Belorussian SSR	164	136	--	--
Uzbek SSR	196	138	76	49
Kazakh SSR.	101	66	25	20
Georgian SSR.	173	104	140	106
Azerbaijan SSR.	144	88	226	133
Lithuanian SSR.	57	39	--	--
Moldavian SSR	164	118	251	179
Latvian SSR	40	30	--	--
Kirgiz SSR.	51	39	8	6
Tadzhik SSR	67	49	25	18
Armenian SSR.	54	37	37	30
Turkmen SSR	20	12	11	8
Estonian SSR.	19	14	--	--

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Area of Tea Plantings by Union Republics
(at all categories of farms; thousands of hectares)

	1940	1965	1970	1975	1976	1977	1978
USSR.	55.3	71.0	74.4	76.0	76.8	76.8	77.4
RSFSR	0.6	2.0	1.7	1.7	1.7	1.7	1.7
Georgian SSR.	49.6	62.6	64.8	65.8	66.1	65.5	65.6
Azerbaijan SSR.	5.1	6.4	7.9	8.5	9.0	9.6	10.1

Gross Harvest of Fruit and Berries (Including Grapes)
by Union Republics
(at all categories of farms; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	3873	8100	11690	14235	15260	15275	14393
RSFSR	1093	1857	3045	3293	3618	2907	3449
Ukrainian SSR.	951	2818	3254	3697	3927	4599	2882
Belorussian SSR.	70	125	439	693	541	429	596
Uzbek SSR.	266	423	696	1015	985	1095	1151
Kazakh SSR.	37	107	284	284	427	343	495
Georgian SSR.	293	593	1088	1085	971	1283	1402
Azerbaijan SSR.	196	240	509	858	965	1037	1171
Lithuanian SSR.	36	58	131	231	209	106	319
Moldavian SSR.	580	1304	1321	1870	2314	2259	1563
Latvian SSR.	19	19	101	45	178	21	165
Kirgiz SSR.	42	76	106	244	244	250	232
Tadzhik SSR.	170	212	241	423	370	433	421
Armenian SSR.	95	221	375	367	346	408	376
Turkmen SSR.	21	40	57	101	67	79	85
Estonian SSR.	4	7	43	29	98	26	86

Gross Harvest of Grapes by Union Republics
(at all categories of farms; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	1131	3723	4011	5400	5442	4255	5500
RSFSR	73	712	724	748	834	417	685
Ukrainian SSR.	161	958	904	1187	810	613	824
Uzbek SSR.	130	215	290	373	390	344	466
Kazakh SSR.	2	54	81	88	133	111	193
Georgian SSR.	150	385	579	563	448	585	775
Azerbaijan SSR.	81	158	352	706	765	817	933
Moldavian SSR.	403	980	700	1263	1585	907	1100
Kirgiz SSR.	0.4	22	21	56	62	64	56
Tadzhik SSR.	49	71	95	147	167	132	173
Armenian SSR.	66	142	229	206	201	223	238
Turkmen SSR.	16	26	36	63	47	42	57

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State Purchases of Fruit and Berries (Including Grapes)
by Union Republics
(at all categories of farms; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	596	4477	6180	8541	9684	9439	9209
RSFSR	116	1108	1593	1990	2461	1869	2144
Ukrainian SSR	140	1235	1446	2101	2148	2335	1632
Belorussian SSR	2	33	124	49	176	123	209
Uzbek SSR	59	186	266	479	535	548	622
Kazakh SSR.	7	71	148	184	257	210	297
Georgian SSR.	71	354	658	778	719	965	1092
Azerbaijan SSR.	59	166	370	757	817	882	1012
Lithuanian SSR.	--	29	59	98	109	65	160
Moldavian SSR	84	998	1004	1403	1762	1749	1245
Latvian SSR	--	7	16	18	41	7	52
Kirgiz SSR.	2	38	55	124	127	126	135
Tadzhik SSR	12	82	130	189	179	177	210
Armenian SSR.	36	142	272	295	288	328	319
Turkmen SSR	8	25	30	66	41	47	55
Estonian SSR.	--	3	9	10	24	8	25

State Purchases of Grapes by Union Republics
(at all categories of farms; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	306	2875	3145	4329	4407	3422	4600
RSFSR	47	635	662	698	785	384	652
Ukrainian SSR	52	711	685	936	626	471	631
Uzbek SSR	42	137	173	246	295	270	358
Kazakh SSR.	1	48	73	80	123	105	158
Georgian SSR.	36	245	392	409	291	407	575
Azerbaijan SSR.	40	133	307	668	709	771	883
Moldavian SSR	42	765	513	910	1187	638	891
Kirgiz SSR.	--	18	21	32	39	40	44
Tadzhik SSR	7	54	83	98	120	87	133
Armenian SSR.	31	111	213	200	195	217	228
Turkmen SSR	8	18	23	52	37	32	47

Gross Harvest (Purchases) of Basic (Varietal) Tea Leaves
by Union Republics
(at all categories of farms; thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	51.6	197.0	272.7	352.3	375.4	434.2	453.8
RSFSR	0.01	2.7	4.0	4.6	5.0	5.6	5.8
Georgian SSR.	51.3	186.1	258.8	334.6	356.3	412.1	430.3
Azerbaijan SSR.	0.24	8.2	9.9	13.1	14.1	16.5	17.7

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Delivery of Mineral Fertilizers to Agriculture by Types
(thousands of tons)

	1940	1965	1970	1975	1976	1977	1978
In terms of conventional units.	3159	26906	45379	73537	75010	76984	79002
including:							
nitrogen.	789	11132	22463	35798	35376	36694	37358
phosphate	1371	7884	11551	20478	21751	22918	24334
phosphorite meal.	473	3246	5122	4731	4395	4307	4258
potassium	526	4547	6187	12444	13407	12981	12967
In terms of 100 percent nutri-							
ents.	727	6273	10317	17251	17739	18034	18420
including:							
nitrogen.	162	2282	4605	7339	7252	7522	7658
phosphate	256	1474	2160	3829	4068	4286	4551
phosphorite meal.	90	617	973	899	835	818	809
potassium	219	1891	2574	5176	5577	5400	5394

Delivery of Mineral Fertilizers to Agriculture by Union Republics
(thousands of tons)

	1965	1970	1975	1976	1977	1978
USSR.	26906	45379	73537	75010	76984	79002
including:						
RSFSR	10771	18959	33500	34772	35753	37015
Ukrainian SSR	5429	9356	15713	15363	15656	15714
Belorussian SSR	1934	3620	5571	5706	5648	5708
Uzbek SSR	2548	3479	4375	4508	4820	5055
Kazakh SSR.	829	1283	2493	2513	2571	2733
Georgian SSR.	365	561	798	805	832	848
Azerbaijan SSR.	285	434	1019	941	1062	1108
Lithuanian SSR.	978	1420	1994	1990	2083	2131
Moldavian SSR	277	538	914	931	909	1082
Latvian SSR	758	1205	1387	1456	1486	1427
Kirgiz SSR.	398	645	905	949	1024	992
Tadzhik SSR	479	674	864	866	889	919
Armenian SSR.	142	246	358	399	415	396
Turkmen SSR	475	659	954	960	939	1079
Estonian SSR.	466	665	873	889	911	895

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Delivery of Mineral Fertilizers to Agriculture by Types
Per Hectare of Plowland
(kg)

	1940	1965	1970	1975	1976	1977	1978
In terms of conventional units--							
total.	16.5	121.8	205.9	330.5	336.6	345.0	353.6
including:							
nitrogen	4.1	50.4	101.9	160.9	158.8	164.4	167.2
phosphate.	7.1	35.7	52.4	92.0	97.6	102.7	108.9
phosphorite meal	2.5	14.7	23.2	21.3	19.7	19.3	19.1
potassium.	2.8	20.6	28.1	55.9	60.2	58.2	58.0
In terms of 100 percent nutri-							
ents--total.	3.7	28.4	46.8	77.5	79.6	80.8	82.5
including:							
nitrogen	0.8	10.3	20.9	33.0	32.5	33.7	34.3
phosphate.	1.3	6.7	9.8	17.2	18.3	19.2	20.4
phosphorite meal	0.5	2.8	4.4	4.0	3.8	3.7	3.6
potassium.	1.1	8.6	11.7	23.3	25.0	24.2	24.2

Delivery of Mineral Fertilizers to Agriculture by Union Republics
(in terms of 100 percent nutrients)

	1965	1970	1975	1976	1977	1978
Total, thousands of tons						
USSR.	6273	10317	17251	17739	18034	18420
including:						
RSFSR	2608	4317	7896	8336	8428	8674
Ukrainian SSR	1278	2149	3695	3623	3725	3702
Belorussian SSR	455	925	1499	1523	1506	1528
Uzbek SSR	532	728	925	968	1020	1056
Kazakh SSR.	168	258	507	511	518	549
Georgian SSR.	81	121	176	177	181	182
Azerbaijan SSR.	56	87	226	209	226	239
Lithuanian SSR.	247	349	505	489	511	529
Moldavian SSR	61	118	205	209	198	241
Latvian SSR	188	292	347	368	368	356
Kirgiz SSR.	81	131	192	200	213	205
Tadzhik SSR	98	136	180	181	185	191
Armenian SSR.	29	51	76	84	86	82
Turkmen SSR	97	134	197	198	191	221
Estonian SSR.	114	164	219	227	226	221
Per hectare of plowland, kg						
USSR.	28.4	46.8	77.5	79.6	80.8	82.5
RSFSR	19.7	32.9	59.9	63.2	63.8	65.6
Ukrainian SSR	38.5	65.1	111.8	109.6	112.7	112.1

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	1965	1970	1975	1976	1977	1978
Belorussian SSR.	76.5	159.6	260.2	263.3	259.8	263.0
Uzbek SSR.	146.8	197.2	238.3	246.0	254.7	260.1
Kazakh SSR.	5.2	7.6	14.4	14.5	14.7	15.6
Georgian SSR.	86.6	132.2	188.9	189.1	192.4	193.1
Azerbaijan SSR.	38.0	57.9	138.7	128.3	137.4	145.6
Lithuanian SSR.	98.4	154.9	223.2	215.9	225.4	233.3
Moldavian SSR.	28.1	54.7	95.9	97.8	92.6	112.5
Latvian SSR.	113.2	196.4	220.7	230.0	226.9	218.6
Kirgiz SSR.	65.5	103.3	146.5	152.1	161.4	155.7
Tadzhik SSR.	120.2	165.0	220.3	219.3	221.6	226.9
Armenian SSR.	57.2	101.0	148.1	163.2	166.0	158.2
Turkmen SSR.	186.6	205.3	241.3	235.6	219.6	251.6
Estonian SSR.	143.0	208.9	238.3	244.7	242.5	236.3

Delivery of Chemical Feed Additives to Agriculture by Types
(thousands of tons)

	1965	1970	1975	1976	1977	1978
In terms of conventional units.	160	270	2181	2722	2776	2217
including:						
nitrogen.	--	--	334	382	435	385
phosphate	160	270	1847	2340	2341	1832
In terms of 100 percent nutrients	30	51	414	516	527	421
including:						
nitrogen.	--	--	68	78	89	79
phosphate	30	51	346	438	438	342

Delivery of Chemical Feed Additives to Agriculture by Union Republics
(in terms of conventional units; thousands of tons)

	1965	1970	1975	1976	1977	1978
USSR.	160.0	269.9	2180.7	2721.7	2775.6	2216.7
including:						
RSFSR	73.0	95.4	1006.4	1031.3	1159.3	589.7
Ukrainian SSR	44.7	85.7	583.5	745.2	646.7	500.3
Belorussian SSR	6.8	18.3	112.1	153.9	121.7	92.9
Uzbek SSR	2.2	7.7	9.0	13.2	12.0	10.7
Kazakh SSR.	9.0	18.9	89.4	122.6	165.1	70.4
Georgian SSR.	0.6	1.7	12.0	2.6	3.4	9.6
Azerbaijan SSR.	0.7	1.1	2.1	--	1.5	1.3
Lithuanian SSR.	4.5	8.8	68.0	76.8	66.2	42.5
Moldavian SSR	4.0	7.5	61.6	83.4	73.5	58.4
Latvian SSR	3.1	9.9	48.5	77.1	64.0	42.9
Kirgiz SSR.	1.1	1.7	12.1	16.5	13.6	11.4
Tadzhik SSR	0.4	1.9	2.6	8.1	8.6	2.2
Armenian SSR.	0.4	1.0	4.0	8.9	10.4	10.1
Turkmen SSR	0.3	--	--	2.5	1.9	2.0
Estonian SSR.	2.6	7.0	35.2	43.8	46.7	33.4

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Delivery of Chemical Feed Additives to Agriculture by Union Republics
(in terms of 100 percent nutrients; thousands of tons)

	1965	1970	1975	1976	1977	1978
USSR.	29,9	50,5	413,8	515,8	526,9	421,4
including						
RSFSR	13,7	17,8	190,9	194,9	218,8	111,6
Ukrainian SSR . . .	8,4	16,0	110,5	140,3	121,7	93,9
Belorussian SSR . .	1,3	3,4	21,3	20,2	23,1	17,6
Uzbek SSR	0,4	1,4	1,7	2,5	2,2	2,0
Kazakh SSR.	1,7	3,5	17,0	23,3	31,5	13,4
Georgian SSR. . . .	0,1	0,3	2,2	0,5	0,6	1,8
Azerbaijan SSR. . .	0,1	0,2	0,4	—	0,3	0,3
Lithuanian SSR. . .	0,8	1,7	12,8	14,5	12,4	8,0
Moldavian SSR . . .	0,7	1,4	11,7	15,8	13,8	11,0
Latvian SSR	0,6	1,9	9,1	14,5	12,1	8,1
Kirgiz SSR.	0,2	0,3	2,3	3,1	2,6	2,2
Tadzhik SSR	0,1	0,4	0,5	1,5	1,6	0,4
Armenian SSR. . . .	0,1	0,2	0,8	1,7	2,0	1,9
Turkmen SSR	0,1	—	—	0,5	0,4	0,4
Estonian SSR. . . .	0,5	1,3	6,6	8,3	8,8	6,3

Area of Irrigated Land
(millions of hectares)

	1965	1970	1975	1976	1977	1978
At all categories of farms.	9.9	11.1	14.5	15.3	16.0	16.6
including at kolkhozes, interfarm enterprises, sovkhoses and other state farms	9.8	10.9	14.2	15.1	15.8	16.3

The area of irrigated land at all categories of farms in 1940 was 8.1 million hectares.

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Area of Irrigated Land at Kolkhozes, Interfarm Enterprises,
Sovkhozes and Other State Farms by Union Republics
(thousands of hectares)

	1965	1970	1975	1976	1977	1978
USSR.	9812	10891	14241	15073	15776	16318
RSFSR	1510	1955	3684	4068	4417	4674
Ukrainian SSR	503	923	1483	1650	1767	1829
Belorussian SSR	--	--	139	170	156	175
Uzbek SSR	2639	2696	3006	3132	3227	3304
Kazakh SSR.	1368	1451	1648	1707	1767	1827
Georgian SSR.	348	347	368	380	392	389
Azerbaijan SSR.	1278	1108	1141	1148	1159	1172
Lithuanian SSR.	--	--	22	25	20	22
Moldavian SSR	74	115	156	165	179	197
Latvian SSR	--	--	13	16	15	17
Kirgiz SSR.	861	883	910	924	933	941
Tadzhik SSR	468	518	567	582	593	602
Armenian SSR.	249	252	283	258	262	266
Turkmen SSR	514	643	819	846	878	892
Estonian SSR.	--	--	2	2	11	11

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Use of Irrigated Farming Lands at Kolkhozes, Interfarm Enterprises, Sovkhozes
and Other State Farms by Union Republics in 1978
(thousands of hectares)

	Availability of irri- gated farming lands, in- cluding land of short- term use	Total irrigated farming lands used	Plowland (sowings under crop of 1978 and clean fallow)	Planted area under crop of 1978	Orchards, berry patches, vineyards and other perennial plantings	Hay fields and pastures	Private plots of kolkhoz farmers, workers and employees
USSR.	16297.7	15662.8	12967.3	12840.4*	1134.4	1064.9	496.2
RSFSR	4669.8	4355.4	3536.3	3463.5	181.1	604.5	33.5
Ukrainian SSR	1826.9	1710.7	1513.2	1509.4	110.6	82.8	4.1
Belorussian SSR	175.4	161.3	27.2	27.2	0.6	133.5	--
Uzbek SSR	3283.9	3238.1	2867.6	2856.2	217.0	6.8	146.7
Kazakh SSR.	1814.3	1734.7	1526.6	1519.9	73.3	75.1	59.7
Georgian SSR.	371.7	371.4	175.2	169.9	109.2	29.5	57.5
Azerbaijan SSR.	1191.1	1166.3	861.0	850.9	205.2	44.1	56.0
Lithuanian SSR.	22.3	20.4	6.4	5.9	0.1	13.9	--
Moldavian SSR	198.7	181.0	148.3	147.8	32.2	0.3	0.2
Latvian SSR	16.7	15.3	3.6	3.6	0.1	11.6	--
Kirgiz SSR.	933.2	931.7	800.0	799.6	38.7	36.4	56.6
Tadzhik SSR	601.9	591.5	481.6	481.4	61.2	14.1	34.6
Armenian SSR.	264.0	257.8	155.0	145.6	67.7	12.0	23.1
Turkmen SSR	916.6	916.6	855.3	849.5	37.1	--	24.2
Estonian SSR.	11.2	10.6	10.0	10.0	0.3	0.3	--

*The planted area of agricultural crops on irrigated land, including the plantings in the row spacings of orchards and on plowed meadows and pastures, was 12,951,000 hectares.

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Planted Areas of Agricultural Crops on Irrigated Land at Kolkhozes, Interfarm Enterprises,
Sovkhozes and Other State Farms by Union Republics in 1978
(thousands of hectares)

	including									
	Total planted area under the crop of 1978	Cereal crops	Winter and spring wheat	Grain corn	Industrial crops	Including sugar beets (factory)	Potatoes, vege- table and cu- cubifaceous crops	Podder crops		
USSR.	12951.0	3211.6	1319.6	490.9	3389.4	170.9	1009.7	5340.3		
RSFSR	3505.1	928.2	315.6	89.4	66.8	26.2	361.6	2148.5		
Ukrainian SSR	1511.5	473.3	261.4	79.4	53.4	15.3	211.1	773.7		
Belorussian SSR	27.8	4.1	0.4	--	0.1	0.1	10.3	13.3		
Uzbek SSR	2880.9	394.9	80.6	138.1	1851.6	--	109.5	524.9		
Kazakh SSR.	1541.2	490.0	155.1	92.1	207.8	76.8	104.4	739.0		
Georgian SSR.	171.9	65.2	32.4	15.2	10.2	2.7	31.4	65.1		
Azerbaijan SSR.	857.1	327.3	228.6	6.4	239.6	--	31.6	258.6		
Lithuanian SSR.	5.9	0.7	0.2	--	0.0	0.0	3.5	1.7		
Moldavian SSR	147.8	40.6	23.8	12.1	10.4	4.2	43.8	53.0		
Latvian SSR	3.7	0.3	0.1	--	0.0	0.0	1.2	2.2		
Kirgiz SSR.	803.0	270.9	138.8	28.7	130.9	41.0	24.5	376.7		
Tadzhik SSR	486.9	45.9	18.9	6.2	299.6	--	18.9	122.5		
Armenian SSR.	148.7	51.1	31.8	0.1	12.6	4.6	20.9	64.1		
Turkmen SSR	849.5	117.5	31.5	23.2	506.4	--	36.1	189.5		
Estonian SSR.	10.0	1.6	0.4	--	--	--	0.9	7.5		

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Gross Harvest of Products of Plant Growing on Irrigated Lands at Kolkhozes,
Interfarm Enterprises, Sovkhozes and Other State Farms by Union Republics
(thousands of tons)

	Grain--total	including winter wheat and spring wheat	grain corn	Sugar beets (factory)	Sunflowers	Vegetables
USSR						
1966-1970 (average a year).	4118.4	1956.2	455.6	4893.4	28.9	5958.0
1971-1975 (average a year).	6536.5	2528.2	1104.4	4832.9	46.5	8326.5
1976-1978 (average a year).	9605.5	3472.5	2270.3	5388.2	59.4	11101.8
1976.	9066.6	3116.5	2044.7	5308.0	46.6	10719.9
1977.	9220.9	3139.0	2304.2	4971.0	69.4	10426.5
1978.	10529.0	4162.1	2462.0	5885.7	62.1	12158.9
including by union republics:						
RSFSR	2886.7	991.6	322.7	659.9	20.3	4661.5
Ukrainian SSR	2044.4	1213.1	408.0	559.4	33.6	3060.0
Belorussian SSR	13.1	1.3	--	2.1	--	172.1
Uzbek SSR	1665.2	179.0	938.3	--	--	1087.1
Kazakh SSR.	1472.9	378.4	429.0	2622.8	0.5	692.6
Georgian SSR.	122.9	71.0	23.3	96.1	0.3	173.2
Azerbaijan SSR.	724.5	538.3	13.5	--	--	488.0
Lithuanian SSR.	2.6	0.8	--	0.4	--	62.5
Moldavian SSR	185.1	112.7	57.1	152.3	7.4	832.2
Latvian SSR	0.7	0.3	--	2.4	--	18.5
Kirgiz SSR.	943.6	500.3	148.2	1649.8	--	197.7
Tadzhik SSR	98.5	31.2	32.7	--	--	182.0
Armenian SSR.	114.7	76.5	0.3	140.5	--	293.7
Turkmen SSR.	249.6	66.5	88.9	--	--	230.5
Estonian SSR.	4.5	1.1	--	--	--	7.2

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The proportion of the gross production of plant growing at kolkhozes, inter-farm enterprises, sovkhozes and other state farms on irrigated lands in the gross production of plant growing on all lands in 1978 was 24 percent.

The production of rice and cotton is carried out only on irrigated lands.

Area of Reclaimed Lands by Union Republics
(at all categories of farms; thousands of hectares)

	1970	1975	1976	1977	Total	1978	
						including at kolkhozes, interfarm en- terprises, sovkhozes and other state farms	all re- of them claimed with lands closed drain- age
USSR.	10214.1	13651.5	14413.1	15142.6	15731.5	12730.5	7596.9
RSFSR	3073.8	4526.8	4811.0	5123.6	5386.7	3835.0	1595.2
Ukrainian SSR . . .	1594.3	2034.6	2145.8	2250.7	2341.9	2184.0	970.3
Belorussian SSR . .	1751.7	2282.6	2380.9	2467.3	2552.5	2293.4	1223.4
Georgian SSR. . . .	138.7	151.3	151.5	153.0	151.4	139.2	--
Lithuanian SSR. . .	1610.1	2174.1	2311.4	2418.4	2503.9	2211.4	2003.0
Moldavian SSR . . .	32.6	37.1	38.0	41.9	44.4	40.6	4.0
Latvian SSR	1126.0	1535.0	1626.8	1714.5	1758.5	1396.2	1280.6
Armenian SSR. . . .	37.2	6.5	6.5	6.5	6.5	6.5	--
Estonian SSR. . . .	849.7	903.5	941.2	966.7	985.7	624.2	520.4

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Use of Reclaimed Farming Lands at Kolkhozes, Interfarm Enterprises, Sovkhozos
and Other State Farms by Union Republics in 1978
(thousands of hectares)

	Availability of reclaimed farm- ing lands, in- cluding lands of short-term use	All reclaimed farming lands used	Plowlands (plant- ings under crop of 1978 and clean fallow)	Planted area under crop of 1978	Orchards, berry patches, vine- yards and other perennial plant- ings	Hay fields and pastures	Private plots of kolkhoz farmers, workers and employees
USSR.	11645.6	11169.3	5986.3	5950.9*	50.0	4975.5	157.5
RSFSR	3523.2	3260.8	1431.5	1410.5	5.9	1813.3	10.1
Ukrainian SSR	2008.8	1936.1	984.6	982.8	5.8	926.4	19.3
Belorussian SSR	2105.7	2057.6	869.5	869.2	0.3	1181.7	6.1
Georgian SSR.	113.3	110.4	57.6	55.0	16.8	24.4	11.6
Lithuanian SSR.	2048.2	2006.7	1305.3	1299.2	12.0	620.9	68.5
Moldavian SSR.	37.7	35.2	24.7	24.6	0.4	10.1	--
Latvian SSR	1259.8	1231.5	889.7	888.8	7.6	300.5	33.7
Armenian SSR.	6.5	6.2	1.8	1.8	--	4.4	--
Estonian SSR.	542.4	524.8	421.6	419.0	1.2	93.8	8.2

* The planted area of agricultural crops on reclaimed lands, including plantings in the interrow spacings of orchards and on plowed meadows and pastures, was 6,232,300 hectares.

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Planted Areas of Agricultural Crops on Reclaimed Lands at Kolkhozes,
Interfarm Enterprises, Sovkhozes and Other State Farms
by Union Republics in 1978
(thousands of hectares)

	Total planted area under crop of 1978	including			
		cereal crops	indus- trial crops	potatoes, vegetable and cucur- bitaceous crops	fodder crops
USSR.	6232.3	2772.6	360.2	318.4	2781.1
RSFSR	1559.2	568.2	113.7	74.9	802.4
Ukrainian SSR	1077.7	485.3	113.6	65.9	412.9
Belorussian SSR	894.4	364.5	35.4	70.9	423.6
Georgian SSR.	54.9	26.3	6.0	2.6	20.0
Lithuanian SSR.	1299.2	667.5	67.8	34.0	529.9
Moldavian SSR	24.6	8.1	2.1	2.1	12.3
Latvian SSR	892.9	456.7	18.8	43.9	373.5
Armenian SSR.	1.9	0.6	--	--	1.3
Estonian SSR.	427.5	195.4	2.8	24.1	205.2

Gross Harvest of Products of Plant Growing on Reclaimed Lands
at Kolkhozes, Interfarm Enterprises, Sovkhozes and Other
State Farms by Union Republics
(thousands of tons)

	Grain--total	including					
		winter and spring wheat	winter rye	winter and spring barley	Flax fiber	Sugar beets (factory)	Potatoes
USSR							
1966-1970 (average a year).	2563.1	674.1	434.6	954.4	24.5	1501.0	2175.3
1971-1975 (average a year).	4443.8	1221.9	577.5	1858.6	41.3	2016.9	2788.4
1976-1978 (average a year).	6913.4	1907.6	854.3	3070.6	65.9	2888.2	3448.0
1976	7157.7	1839.9	944.5	3260.2	66.3	2540.3	3472.8
1977	6806.4	1763.9	714.2	3175.1	67.9	2948.4	3260.4
1978--total. . .	6776.0	2118.9	904.3	2776.6	63.4	3175.8	3610.9
including by union republics:							
RSFSR.	1059.4	316.3	111.8	379.6	6.1	22.6	588.6
Ukrainian SSR. .	1433.8	717.8	125.9	361.5	37.5	1772.4	778.5

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	Grain--total	including				Sugar beets (factory)	Potatoes
		winter and spring wheat	winter rye	winter and spring barley	Flax fiber		
Belorussian SSR. .	1029.4	95.0	276.8	503.7	9.3	283.0	1255.0
Georgian SSR . . .	61.5	11.6	0.1	1.3	--	--	0.3
Lithuanian SSR . .	1905.3	657.9	212.3	860.2	9.2	799.9	393.8
Moldavian SSR. . .	31.0	17.7	0.2	2.4	--	17.8	0.5
Latvian SSR. . . .	867.1	227.1	132.1	436.6	1.0	280.1	382.7
Armenian SSR . . .	1.5	--	--	1.5	--	--	--
Estonian SSR . . .	387.0	75.5	45.1	229.8	0.3	--	211.5

Animal Husbandry

Number of Livestock
(at all categories of farms; on 1 January; millions of head)

Years	Cattle	including cows	Hogs	Sheep	Goats	Horses
1916	58.4	28.8	23.0	89.7	6.6	38.2
1941	54.8	28.0	27.6	80.0	11.7	21.1
1951	57.1	24.3	24.4	82.6	16.4	13.8
1956	58.8	27.7	34.0	103.3	12.9	13.0
1961	75.8	34.5	58.7	133.0	7.3	9.9
1966	93.4	39.3	59.6	129.8	5.5	8.0
1971	99.2	39.8	67.5	138.0	5.4	7.4
1976	111.0	41.9	57.9	141.4	5.7	6.4
1977	110.3	42.0	63.1	139.8	5.5	6.0
1978	112.7	42.6	70.5	141.0	5.6	5.8
1979	114.1	43.0	73.5	142.6	5.5	5.7

Number of Productive Livestock by Categories of Farms
on 1 January 1979
(millions of head)

	Cattle	including cows	Hogs	Sheep	Goats
All categories of farms. .	114.1	43.0	73.5	142.6	5.5
including:					
kolkhozes, interfarm enter- prises, sovkhoses and other state farms.	91.0	29.7	58.7	117.6	1.3

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	Cattle	including cows	Hogs	Sheep	Goats
of them:					
kolkhozes and interfarm enterprises.	49.2	16.0	32.3	48.7	0.4
including interfarm enterprises.	1.8	0.03	3.8	0.8	0.03
sovkhozes and other state farms*	41.8	13.7	26.4	68.9	0.9
private subsidiary sector. .	23.1	13.3	14.8	25.0	4.2

* Including the livestock at livestock bases and stations for preslaughter housing.

Number of Cattle by Union Republics
(at all categories of farms; on 1 January; thousands of head)

	1941	1966	1971	1976	1977	1978	1979
USSR.	54 773	93 436	99 225	111 034	110 346	112 690	114 086
RSFSR	27 855	48 207	51 602	57 615	56 928	57 956	58 509
Ukrainian SSR	10 997	21 324	21 352	24 180	24 196	24 924	25 379
Belorussian SSR	2 844	4 704	5 383	6 406	6 494	6 705	6 776
Uzbek SSR	1 672	2 494	2 907	3 218	3 217	3 227	3 228
Kazakh SSR.	3 356	6 833	7 285	7 723	7 645	7 804	8 017
Georgian SSR.	1 607	1 514	1 475	1 537	1 493	1 531	1 536
Azerbaijan SSR.	1 357	1 460	1 577	1 667	1 646	1 691	1 721
Lithuanian SSR.	1 054	1 526	1 814	2 121	2 136	2 178	2 197
Moldavian SSR	514	914	905	1 084	1 062	1 042	1 089
Latvian SSR	986	1 108	1 203	1 389	1 385	1 407	1 389
Kirgiz SSR.	556	857	912	942	940	948	957
Tadzhik SSR	580	818	1 008	1 095	1 101	1 115	1 129
Armenian SSR.	599	662	666	704	721	759	755
Turkmen SSR	268	405	444	532	556	573	583
Estonian SSR.	528	610	692	821	826	830	821

Number of Cows by Union Republics
(at all categories of farms; on 1 January; thousands of head)

	1941	1966	1971	1976	1977	1978	1979
USSR.	27993	39347	39762	41917	41987	42592	43016
RSFSR	14250	20701	20595	21760	21795	22063	22248
Ukrainian SSR	5965	8484	8563	8978	9002	9143	9228
Belorussian SSR	1956	2331	2490	2680	2688	2742	2751
Uzbek SSR	622	1012	1140	1214	1230	1229	1246
Kazakh SSR.	1259	2526	2533	2624	2626	2716	2819
Georgian SSR.	575	602	595	596	585	593	598

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	1941	1966	1971	1976	1977	1978	1979
Azerbaijan SSR.	489	576	605	622	614	631	646
Lithuanian SSR.	782	807	839	890	887	887	875
Moldavian SSR.	181	342	342	388	386	396	420
Latvian SSR.	797	580	571	586	584	580	567
Kirgiz SSR.	219	343	360	366	366	367	366
Tadzhik SSR.	188	315	372	403	403	412	423
Armenian SSR.	212	260	262	272	279	290	291
Turkmen SSR.	96	162	186	208	213	217	219
Estonian SSR.	402	306	309	330	329	326	319

Number of Hogs by Union Republics
(at all categories of farms; on 1 January; thousands of head)

	1911	1966	1971	1976	1977	1978	1979
USSR.	27 603	59 576	67 483	57 899	63 055	70 511	73 484
RSFSR	12 091	29 497	33 225	27 771	30 611	34 771	36 246
Ukrainian SSR	9 186	18 920	20 746	16 847	18 195	19 831	20 659
Belorussian SSR . . .	2 520	3 688	4 004	3 999	4 158	4 567	4 557
Uzbek SSR	103	230	296	305	317	330	368
Kazakh SSR.	451	1 735	2 266	1 678	2 218	2 648	2 857
Georgian SSR.	615	574	687	762	732	827	883
Azerbaijan SSR. . . .	120	85	113	135	141	169	167
Lithuanian SSR. . . .	1 068	1 731	2 297	2 141	2 326	2 546	2 558
Moldavian SSR	339	1 187	1 574	1 633	1 570	1 751	2 011
Latvian SSR	588	913	1 075	1 195	1 275	1 394	1 413
Kirgiz SSR.	87	221	244	216	220	263	298
Tadzhik SSR.	21	61	78	86	99	116	123
Armenian SSR.	59	86	121	174	173	207	221
Turkmen SSR	36	53	69	122	129	135	148
Estonian SSR.	319	592	688	835	891	956	975

Number of Sheep and Goats by Union Republics
(at all categories of farms; on 1 January; thousands of head)

	1941	1966	1971	1976	1977	1978	1979
USSR.	91712	135316	143421	147091	145373	146611	148104
RSFSR	51235	61416	66964	66109	65361	66701	67461
Ukrainian SSR	7325	9342	8971	9115	8911	9172	9201
Belorussian SSR	2578	846	692	565	554	585	557
Uzbek SSR	5792	7956	7978	8235	7986	8093	8136
Kazakh SSR.	8132	30120	31776	34579	34438	33503	34166

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	1941	1966	1971	1976	1977	1978	1979
Georgian SSR.	2194	2174	1955	2080	1984	2024	2030
Azerbaijan SSR.	2907	4035	4371	5128	5145	5255	5258
Lithuanian SSR.	627	198	161	96	78	74	66
Moldavian SSR.	1464	1676	1419	1230	1158	1180	1252
Latvian SSR.	613	386	328	280	251	241	217
Kirgiz SSR.	2529	8303	9455	9851	9906	10013	10037
Tadzhik SSR.	2174	2431	2634	2896	2908	2986	2940
Armenian SSR.	1221	2222	2063	2331	2290	2346	2272
Turkmen SSR.	2596	4036	4489	4423	4251	4287	4369
Estonian SSR.	325	175	165	173	152	151	142

Number of Sheep by Union Republics
(at all categories of farms; on 1 January; thousands of head)

	1941	1966	1971	1976	1977	1978	1979
USSR.	80030	129764	138059	141436	139834	141025	142600
RSFSR	46716	58695	64245	63218	62554	63888	64692
Ukrainian SSR.	6700	8646	8614	8863	8669	8920	8969
Belorussian SSR.	2539	789	663	541	531	559	536
Uzbek SSR.	4245	7617	7541	7685	7428	7521	7541
Kazakh SSR.	6988	29632	31254	33955	33827	32908	33581
Georgian SSR.	1692	2011	1814	1973	1886	1922	1936
Azerbaijan SSR.	2269	3864	4192	4924	4943	5061	5067
Lithuanian SSR.	611	187	154	92	74	70	62
Moldavian SSR.	1450	1613	1380	1211	1142	1161	1236
Latvian SSR.	602	368	318	272	244	234	211
Kirgiz SSR.	1844	8111	9240	9654	9712	9819	9837
Tadzhik SSR.	1054	2065	2182	2369	2376	2416	2377
Armenian SSR.	999	2151	1999	2281	2245	2301	2231
Turkmen SSR.	1999	3844	4291	4226	4052	4095	4182
Estonian SSR.	322	171	163	172	151	150	142

Number of Poultry by Union Republics
(at all categories of farms; on 1 January; millions of head)

	1941	1966	1971	1976	1977	1978	1979
USSR.	255.7	490.7	652.7	734.4	796.0	882.3	953.2
RSFSR	135.2	269.7	358.2	394.1	429.3	482.5	522.9
Ukrainian SSR.	69.6	120.5	155.2	168.3	184.4	201.7	215.5
Belorussian SSR.	14.7	20.6	27.0	31.9	32.3	34.3	34.5
Uzbek SSR.	2.4	8.1	13.8	16.9	17.4	20.1	23.1
Kazakh SSR.	6.7	19.9	29.5	36.7	39.0	42.2	45.3
Georgian SSR.	7.1	8.3	11.7	14.9	15.3	15.6	18.1
Azerbaijan SSR.	3.8	6.9	8.8	12.8	13.6	14.8	17.4
Lithuanian SSR.	3.8	7.3	9.6	10.8	11.5	12.8	13.3

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	1941	1966	1971	1976	1977	1978	1979
Moldavian SSR.	4.4	11.0	12.1	13.3	14.7	16.2	17.7
Latvian SSR.	2.0	4.0	5.9	7.5	8.4	9.4	10.1
Kirgiz SSR.	1.1	5.3	7.3	7.8	8.5	9.3	9.6
Tadzhik SSR.	0.9	1.6	2.7	4.1	4.6	4.8	6.1
Armenian SSR.	1.7	3.1	4.5	7.0	7.9	8.5	8.9
Turkmen SSR.	0.7	1.9	2.7	3.6	4.0	4.5	4.9
Estonian SSR.	1.6	2.5	3.7	4.7	5.1	5.6	5.8

Production of Main Products of Animal Husbandry

Years	Meat (in dressed weight), millions of tons	Milk, millions of tons	Eggs, billions	Wool, thousands of tons
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All categories of farms

1913	5.0	29.4	11.9	192
1940	4.7	33.6	12.2	161
1945	2.6	26.4	4.9	111
1950	4.9	35.3	11.7	180
1955	6.3	43.0	18.5	256
1960	8.7	61.7	27.4	357
1965	10.0	72.6	29.1	357
1970	12.3	83.0	40.7	419
1975	15.0	90.8	57.4	467
1976	13.6	89.7	56.2	435
1977	14.7	94.9	61.2	457
1978	15.3	94.5	64.5	463

Kolkhozes, interfarm enterprises, sovkhoses and other state farms

1940	1.3	7.5	0.7	98
1945	1.0	4.7	0.5	75
1950	1.6	8.9	1.3	141
1955	3.0	17.0	2.3	207
1960	5.1	32.6	5.3	279
1965	6.0	43.9	9.5	284
1970	8.0	53.2	19.0	337
1975	10.3	62.9	34.8	373
1976	9.4	62.2	35.1	346
1977	10.4	67.3	39.8	371
1978	10.8	67.2	42.2	374

Kolkhozes and interfarm enterprises

1940	0.9	5.6	0.5	79
1945	0.8	3.6	0.4	62
1950	1.1	6.8	1.0	119
1955	2.2	13.6	1.7	170
1960	3.2	22.5	2.9	183

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Years	Meat (in dressed weight), millions of tons	Milk, millions of tons	Eggs, billions	Wool, thousands of tons
1965	3.0	25.3	3.8	147
1970	4.1	30.2	5.5	163
1975	5.0	35.3	6.4	161
1976	4.6	34.7	4.9	150
1977	5.0	37.4	5.1	155
1978	5.2	37.2	5.1	154
Sovkhozes and other state farms				
1940	0.4	1.9	0.2	19
1945	0.2	1.1	0.1	13
1950	0.5	2.1	0.3	22
1955	0.8	3.4	0.6	37
1960	1.9	10.1	2.4	96
1965	3.0	18.6	5.7	137
1970	3.9	23.0	13.5	174
1975	5.3	27.6	28.4	212
1976	4.8	27.5	30.2	196
1977	5.4	29.9	34.7	216
1978	5.6	30.0	37.1	220

Production of Meat and Animal Oil
(at all categories of farms)

Years	Meat (in dressed weight), millions of tons	including				Animal oil, thousands of tons
		beef and veal	pork	mutton and goat meat	poultry meat	
1913	5.0	1.9	1.8	0.9	0.4	366
1940	4.7	1.9	1.7	0.7	0.3	375
1945	2.6	1.3	0.6	0.6	0.1	248
1950	4.9	2.3	1.5	0.7	0.3	481
1955	6.3	2.2	2.5	0.8	0.5	575
1960	8.7	3.3	3.3	1.0	0.8	848
1965	10.0	3.9	4.2	1.0	0.7	1184
1970	12.3	5.4	4.5	1.0	1.1	1067
1975	15.0	6.4	5.6	1.1	1.5	1320
1976	13.6	6.6	4.3	0.9	1.4	1356
1977	14.7	6.9	5.0	0.9	1.7	1500
1978	15.3	7.0	5.2	0.9	1.9	1472

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Production of Meat by Union Republics
(at all categories of farms; in dressed weight; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	4695	11583	14004	14552	13583	14722	15353
RSFSR	2373	5949	7108	7234	6745	7313	7642
Ukrainian SSR	1127	2677	3280	3410	3137	3465	3627
Belorussian SSR	275	642	789	874	825	885	912
Uzbek SSR	82	188	240	274	263	271	289
Kazakh SSR.	226	815	987	979	893	1004	1040
Georgian SSR.	75	100	123	134	141	129	133
Azerbaijan SSR.	41	86	104	121	115	117	130
Lithuanian SSR.	134	357	429	460	439	465	477
Moldavian SSR	51	173	212	238	228	234	253
Latvian SSR	123	192	237	263	254	269	267
Kirgiz SSR.	41	123	145	148	141	151	152
Tadzhik SSR	30	57	75	88	86	89	90
Armenian SSR.	23	48	62	76	70	76	83
Turkmen SSR	22	50	64	72	73	72	71
Estonian SSR.	72	126	149	181	173	182	187

Production of Milk by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	33640	80553	87446	93034	89675	94929	94498
RSFSR	17832	44541	46710	48529	46752	49702	49133
Ukrainian SSR	7114	17937	20360	22046	21157	22467	22516
Belorussian SSR	2005	4907	5720	6314	6087	6435	6419
Uzbek SSR	451	1169	1610	1901	1857	1844	2002
Kazakh SSR.	1099	3812	4059	4271	4055	4343	4415
Georgian SSR.	358	498	527	606	578	609	631
Azerbaijan SSR.	275	465	575	708	667	710	747
Lithuanian SSR.	1383	2385	2586	2803	2751	2852	2808
Moldavian SSR	182	752	913	1072	1042	1072	1103
Latvian SSR	1537	1745	1737	1812	1806	1886	1744
Kirgiz SSR.	210	522	591	630	615	634	640
Tadzhik SSR	135	270	346	423	408	425	437
Armenian SSR.	170	363	403	462	439	468	478
Turkmen SSR	107	178	218	265	259	265	269
Estonian SSR.	782	1009	1091	1192	1202	1217	1156

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Production of Eggs by Union Republics
(at all categories of farms; millions)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	12214	35840	51408	60617	56187	61194	64470
RSFSR	6577	20757	29936	35252	32524	35520	37711
Ukrainian SSR	3272	8293	11215	12973	12018	13154	13747
Belorussian SSR	612	1437	2276	2709	2544	2742	2842
Uzbek SSR	133	704	1128	1262	1238	1231	1316
Kazakh SSR.	313	1383	2430	3105	2913	3147	3254
Georgian SSR.	251	346	479	591	558	586	629
Azerbaijan SSR.	158	362	496	626	574	642	665
Lithuanian SSR.	187	641	795	900	838	919	943
Moldavian SSR	235	527	618	748	682	764	798
Latvian SSR	174	433	619	699	637	714	747
Kirgiz SSR.	47	230	326	400	393	408	398
Tadzhik SSR	38	110	192	277	261	279	292
Armenian SSR.	46	212	306	396	371	406	410
Turkmen SSR	37	105	160	217	192	224	235
Estonian SSR.	134	300	432	462	444	458	483

Production of Wool by Union Republics
(at all categories of farms; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	161.1	397.8	442.1	452.6	435.5	459.0	463.2
RSFSR	98.0	194.6	218.7	219.9	208.3	226.0	225.3
Ukrainian SSR	13.4	24.2	26.6	27.4	24.9	29.6	27.6
Belorussian SSR	3.3	1.3	1.2	1.1	1.0	1.1	1.1
Uzbek SSR	6.8	21.9	23.3	25.4	24.9	24.9	26.3
Kazakh SSR.	13.7	90.4	101.0	103.8	102.1	103.7	105.6
Georgian SSR.	3.5	5.0	5.1	5.3	5.3	5.2	5.5
Azerbaijan SSR.	4.2	7.9	8.7	10.1	9.9	9.9	10.5
Lithuanian SSR.	1.6	0.4	0.3	0.2	0.2	0.2	0.2
Moldavian SSR	2.2	3.3	2.7	2.4	2.4	2.4	2.4
Latvian SSR	2.3	0.8	0.7	0.6	0.6	0.6	0.5
Kirgiz SSR.	3.3	25.1	30.2	31.4	31.4	31.4	31.5
Tadzhik SSR	1.6	4.9	5.0	5.5	5.4	5.5	5.6
Armenian SSR.	1.5	4.0	4.4	4.7	4.7	4.5	4.8
Turkmen SSR	4.9	13.6	13.8	14.4	14.0	13.6	15.9
Estonian SSR.	0.8	0.4	0.4	0.4	0.4	0.4	0.4

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State Purchases of Main Products of Animal Husbandry by Categories of Farms

Years	Livestock and poultry (in weight of live livestock and poultry), millions of tons	Milk and dairy products (in terms of milk), millions of tons	Eggs, billions	Wool (in recorded weight),* thousands of tons
All categories of farms				
1918	0.1	0.2	0.09	--
1940	2.2	6.5	2.7	120
1945	1.3	2.9	1.1	67
1950	2.3	8.5	1.9	136
1955	4.2	13.5	2.9	230
1960	7.9	26.3	6.5	358
1965	9.3	38.7	10.5	368
1970	12.6	45.7	18.1	441
1975	16.8	56.3	33.1	511
1976	15.1	56.2	32.9	480
1977	16.3	60.8	36.8	512
1978	17.0	60.4	39.3	528
Kolkhozes, sovkhoses and other state farms				
1940	1.4	4.3	0.2	91
1945	0.9	1.9	0.2	54
1950	1.6	4.8	0.8	116
1955	3.5	11.2	1.4	212
1960	6.8	24.4	4.1	307
1965	8.4	37.0	7.8	320
1970	11.3	44.2	16.1	380
1975	14.6	53.7	31.1	427
1976	13.5	53.4	31.7	400
1977	15.1	57.9	35.6	431
1978	15.8	57.6	38.0	445
Kolkhozes				
1940	0.9	3.3	0.1	69
1945	0.8	1.6	0.2	45
1950	1.0	3.5	0.6	95
1955	2.5	8.7	0.9	171
1960	4.3	16.0	2.2	198
1965	4.2	21.1	3.0	164
1970	5.8	24.9	4.4	184
1975	7.1	29.9	5.6	186
1976	6.5	29.6	4.1	175
1977	7.3	31.9	4.4	182
1978	7.5	31.5	4.4	184

* See the footnote on page 185.

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Years	Livestock and poultry (in weight of live livestock and poultry), millions of tons	Milk and dairy products (in terms of milk), millions of tons	Eggs, billions	Wool (in recorded weight), thousands of tons
Sovkhozes and other state farms				
1940	0.5	1.0	0.1	22
1945	0.1	0.3	--	9
1950	0.6	1.3	0.2	21
1955	1.0	2.5	0.5	41
1960	2.5	8.4	1.9	109
1965	4.2	15.9	4.8	156
1970	5.5	19.3	11.7	196
1975	7.5	23.8	25.5	241
1976	7.0	23.8	27.6	225
1977	7.8	26.0	31.2	249
1978	8.3	26.1	33.6	261

State Purchases of Livestock and Poultry by Union Republics
(at all categories of farms; in weight of live livestock and poultry;
thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	2217	11610	15365	16143	15108	16286	17034
RSFSR	1194	6075	7852	8045	7579	8120	8435
Ukrainian SSR	516	2449	3307	3472	3196	3493	3727
Belorussian SSR	141	636	905	1052	964	1069	1122
Uzbek SSR	38	144	172	216	207	218	222
Kazakh SSR.	162	1018	1340	1247	1149	1257	1336
Georgian SSR.	21	63	102	136	131	136	141
Azerbaijan SSR.	23	72	98	110	107	111	114
Lithuanian SSR.	18	377	518	590	557	596	617
Moldavian SSR	12	162	222	266	250	263	286
Latvian SSR	15	202	286	334	324	339	339
Kirgiz SSR.	23	138	189	205	193	210	211
Tadzhik SSR	12	53	67	83	79	85	85
Armenian SSR.	13	45	71	91	85	92	96
Turkmen SSR	10	34	48	57	56	57	58
Estonian SSR.	19	142	188	239	231	240	245

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State Purchases of Livestock and Poultry by Union Republics
(at all categories of farms; in dressed weight; thousands of tons)

	Average a year			1976	1977	1978
	1966- 1970	1971- 1975	1976- 1978			
USSR.	7320	9914	10069	9307	10186	10713
RSFSR	3819	5056	4956	4618	5027	5224
Ukrainian SSR	1572	2180	2260	2036	2284	2461
Belorussian SSR	414	594	660	597	665	717
Uzbek SSR	86	107	127	123	128	129
Kazakh SSR.	583	784	705	643	715	756
Georgian SSR.	39	64	85	82	83	90
Azerbaijan SSR.	40	57	64	61	64	66
Lithuanian SSR.	262	362	400	373	403	423
Moldavian SSR	111	156	177	164	173	194
Latvian SSR	137	200	228	219	231	235
Kirgiz SSR.	79	109	110	105	113	113
Tadzhik SSR	32	41	49	47	51	48
Armenian SSR.	25	43	55	52	56	58
Turkmen SSR	20	28	32	32	32	32
Estonian SSR.	101	133	161	155	161	167

State Purchases of Milk and Dairy Products by Union Republics
(at all categories of farms; in terms of milk; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	6453	43197	52113	55117	56220	60762	60368
RSFSR	4239	24174	28434	31678	30154	32521	32358
Ukrainian SSR	1006	9881	12360	13837	13184	14235	14092
Belorussian SSR	231	2304	3116	3901	3592	4066	4043
Uzbek SSR	31	326	443	588	534	593	636
Kazakh SSR.	271	1708	1906	2128	1988	2177	2219
Georgian SSR.	24	157	198	250	234	254	261
Azerbaijan SSR.	39	165	224	284	259	289	306
Lithuanian SSR.	126	1318	1685	2081	2003	2139	2101
Moldavian SSR	3	453	584	721	675	725	764
Latvian SSR	263	1274	1387	1543	1531	1616	1483
Kirgiz SSR.	27	290	355	395	384	400	403
Tadzhik SSR	6	100	144	199	177	203	216
Armenian SSR.	20	169	220	269	254	276	277
Turkmen SSR	8	73	99	126	118	128	132
Estonian SSR.	159	805	958	1117	1133	1140	1077

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State Purchases of Eggs by Union Republics
(at all categories of farms; millions)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	2679	14404	27474	36339	32897	36831	39288
RSFSR	1454	8918	17048	22250	20142	22448	24158
Ukrainian SSR	1039	3203	5679	7302	6554	7479	7872
Belorussian SSR	112	376	854	1267	1167	1285	1349
Uzbek SSR	--	227	456	700	620	725	755
Kazakh SSR.	38	509	1218	1740	1606	1770	1844
Georgian SSR.	14	122	240	364	327	359	405
Azerbaijan SSR.	10	107	183	235	220	238	248
Lithuanian SSR.	--	152	315	450	406	463	482
Moldavian SSR	6	155	291	431	376	438	479
Latvian SSR	--	209	375	483	433	489	527
Kirgiz SSR.	--	101	182	242	232	245	249
Tadzhik SSR	--	65	133	208	195	210	220
Armenian SSR.	6	75	148	234	217	241	243
Turkmen SSR	--	44	94	128	113	133	139
Estonian SSR.	--	141	258	305	289	308	318

State Purchases of Wool by Union Republics
(at all categories of farms; in recorded weight*; thousands of tons)

	1940	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
USSR.	119.8	412.3	479.4	506.9	480.5	512.1	528.2
RSFSR	67.9	198.1	237.0	253.7	234.2	260.5	266.5
Ukrainian SSR	12.2	25.0	28.5	30.2	27.5	32.2	30.8
Belorussian SSR	1.2	1.1	1.2	1.2	1.1	1.2	1.2
Uzbek SSR	7.9	21.3	22.8	24.9	24.5	24.3	25.9
Kazakh SSR.	13.8	98.6	112.5	114.4	112.2	112.2	118.8
Georgian SSR.	2.6	5.5	5.6	5.7	5.7	5.5	5.8
Azerbaijan SSR.	3.1	8.3	9.3	10.8	10.6	10.7	11.3
Moldavian SSR	0.6	1.8	1.9	2.0	1.9	2.0	2.1
Kirgiz SSR.	3.7	30.3	37.0	38.7	38.3	38.7	39.2
Tadzhik SSR	1.1	5.0	5.2	5.8	5.7	5.8	6.0
Armenian SSR.	1.0	3.9	4.6	4.8	4.7	4.8	4.9
Turkmen SSR	4.7	13.4	13.8	14.7	14.1	14.2	15.7

* See the footnote on page 185.

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Productivity of Livestock
(kg)

	1940	1965	1970	1975	1976	1977	1978
Average annual yield of milk per cow:							
at all categories of farms.	1185	1853	2110	2204	2179	2294	2259
at kolkhozes, inter-farm enterprises, sovkhoses and other state farms.	1190	2002	2312	2367	2301	2445	2392
at kolkhozes and interfarm enterprises.	1017	1906	2266	2365	2296	2437	2384
at sovkhoses	1803	2121	2346	2330	2296	2443	2397
Average annual wool yield per sheep:							
at all categories of farms.	2.2	2.8	3.2	3.2	3.1	3.3	3.3
at kolkhozes, inter-farm enterprises, sovkhoses and other state farms.	2.5	2.9	3.3	3.2	3.0	3.2	3.2
at kolkhozes and interfarm enterprises.	2.5	2.8	3.2	3.1	2.9	3.2	3.2
at sovkhoses	2.9	3.0	3.4	3.3	3.0	3.3	3.3

Productivity of Livestock at Kolkhozes, Interfarm Enterprises and Sovkhoses
(kg)

Years	Average annual yield of milk per cow	Average annual wool yield per sheep
1940	1124	2.5
1945	987	1.9
1950	1137	2.2
1955	1422	2.6
1960	1938	2.6
1965	1987	2.9
1970	2298	3.3
1975	2350	3.2
1976	2296	3.0
1977	2440	3.2
1978	2390	3.2

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Productivity of Livestock and Poultry at Kolkhozes, Interfarm
Enterprises and Sovkhozes by Union Republics

	Average annual yield of milk per cow, kg		Average annual wool yield per sheep, kg		Average annual egg production of hens, units	
	1965	1978	1965	1978	1965	1978
USSR.	1987	2390	2.9	3.2	132	199
RSFSR	2030	2310	3.2	3.6	138	204
Ukrainian SSR	2043	2522	2.7	3.1	120	189
Belorussian SSR	1884	2409	2.0	2.3	140	239
Uzbek SSR	982	2241	2.6	2.5	89	154
Kazakh SSR.	1693	2069	2.7	3.0	109	225
Georgian SSR.	1031	1629	1.9	2.2	109	148
Azerbaijan SSR.	690	1548	1.8	2.5	85	121
Lithuanian SSR.	2529	3316	2.1	2.1	159	236
Moldavian SSR	2008	3087	2.1	2.2	88	187
Latvian SSR	2665	2914	2.7	3.3	186	222
Kirgiz SSR.	1789	2559	3.0	3.1	92	180
Tadzhik SSR	849	2154	2.1	2.2	100	160
Armenian SSR.	1435	1917	2.0	2.3	90	136
Turkmen SSR	1185	2090	3.1	3.6	90	104
Estonian SSR.	2968	3475	2.3	3.2	177	237

Average Weight of One Head of Livestock Sold to the State
(kg)

	1965	1970	1975	1976	1977	1978
Cattle						
At all categories of farms.	256	309	330	330	352	361
At kolkhozes, sovkhozes and other state farms	253	309	332	332	355	364
At kolkhozes.	245	306	336	334	357	367
At sovkhozes and other state farms.	265	314	328	328	352	360
Hogs						
At all categories of farms.	85	107	97	97	104	105
At kolkhozes, sovkhozes and other state farms	84	104	91	95	102	103
At kolkhozes.	84	104	93	94	102	102
At sovkhozes and other state farms.	83	104	89	95	104	104
Sheep and Goats						
At all categories of farms.	38	39	36	37	37	38
At kolkhozes, sovkhozes and other state farms	38	39	36	36	37	38
At kolkhozes.	37	38	35	36	36	37
At sovkhozes and other state farms.	39	40	36	37	37	38

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Distribution of Fodders to Livestock and Poultry
(at all categories of farms; millions of tons)

	1965	1970	1975	1976	1977	1978
Concentrated fodders.	65.3	103.2	118.9	117.4	143.0	145.9
Succulent fodders	416.6	447.1	501.6	529.5	600.1	610.8
including silage.	166.7	156.2	171.1	164.1	205.4	200.3
Coarse fodders.	164.0	173.1	237.6	221.1	235.1	240.8
including hay	78.2	84.8	78.8	74.6	72.6	74.7
Pasture fodders	373.4	399.7	386.7	383.6	380.0	379.6
All fodders in terms of fodder units.	278.5	328.2	368.5	365.0	403.0	409.6
Consumption of fodders per conven- tional head of cattle, quintals . . .	22.5	24.8	25.1	25.5	27.3	26.9

Consumption of All Fodders at Kolkhozes, Interfarm Enterprises
and Sovkhozes by Union Republics
(in fodder units; millions of tons)

	1965	1970	1975	1976	1977	1978
USSR.	193.0	234.7	277.9	280.4	313.1	317.4
RSFSR	98.5	120.0	143.1	142.3	160.3	162.6
Ukrainian SSR	43.9	52.0	59.5	60.6	70.4	70.7
Belorussian SSR	7.6	10.4	13.4	13.7	15.3	15.7
Uzbek SSR	3.2	4.9	5.6	5.9	6.1	6.4
Kazakh SSR.	20.9	23.8	27.6	28.7	29.4	30.3
Georgian SSR.	1.4	1.2	1.6	1.7	1.9	1.8
Azerbaijan SSR.	1.4	1.3	2.0	1.9	2.2	2.2
Lithuanian SSR.	3.2	4.3	5.0	5.3	6.0	6.0
Moldavian SSR	2.6	3.0	4.0	3.7	4.0	4.3
Latvian SSR	2.5	3.0	3.5	3.6	4.1	4.0
Kirgiz SSR.	3.1	4.8	4.9	5.2	5.1	5.2
Tadzhik SSR	0.9	1.4	1.7	1.7	1.7	1.8
Armenian SSR.	1.1	1.3	1.5	1.6	1.8	1.8
Turkmen SSR	1.2	1.5	2.1	2.1	2.2	2.1
Estonian SSR.	1.5	1.8	2.4	2.4	2.6	2.5

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Gross Harvest and State Purchases of Grain in Main Regions
of Development of Virgin and Long-Fallow Lands

	Before development of virgin and long-fallow lands (1949-1953--aver- age a year)	Average a year			1976	1977	1978
		1966- 1970	1971- 1975	1976- 1978			
Gross harvest of grain, millions of tons							
USSR.	80.9	167.6	181.6	218.9	223.8	195.7	237.2
including in main regions of devel- opment of virgin and long-fallow lands	22.7	67.2	66.4	78.1	82.8	61.0	90.5
of them:							
RSFSR	18.8	46.5	44.7	53.0	53.0	43.3	62.6
Kazakh SSR. . .	3.9	20.7	21.7	25.1	29.8	17.7	27.9
State purchases of grain, millions of tons							
USSR.	32.8	66.0	67.6	85.4	92.1	68.0	95.9
including in main regions of devel- opment of virgin and long-fallow lands	9.9	33.8	30.4	37.4	43.9	22.9	45.3
of them:							
RSFSR	8.1	21.6	18.1	22.5	24.3	14.7	28.5
Kazakh SSR. . .	1.8	12.2	12.3	14.9	19.6	8.2	16.8

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State Purchases of Products of Animal Husbandry in Main Regions
of Development of Virgin and Long-Fallow Lands

	Before development of virgin and long- fallow lands (1949- 1953--average a year)	Average a year					
		1966- 1970	1971- 1975	1976- 1978	1976	1977	1978
Livestock and poultry (in weight of live livestock and poultry), millions of tons							
USSR.	2.7	11.6	15.4	16.1	15.1	16.3	17.0
including in main regions of development of virgin and long-fallow lands	0.8	3.2	4.0	4.0	3.7	4.0	4.2
of them:							
RSFSR	0.5	2.2	2.7	2.7	2.5	2.7	2.9
Kazakh SSR. . .	0.3	1.0	1.3	1.3	1.2	1.3	1.3
Milk and dairy products (in terms of milk), millions of tons							
USSR.	9.2	43.2	52.1	59.1	56.2	60.8	60.4
including in main regions of development of virgin and long-fallow lands	2.6	10.1	11.5	12.7	12.1	13.0	13.1
of them:							
RSFSR	2.1	8.4	9.6	10.6	10.1	10.8	10.9
Kazakh SSR. . .	0.5	1.7	1.9	2.1	2.0	2.2	2.2
Eggs, billions							
USSR.	2.1	14.4	27.5	36.3	32.9	36.8	39.3
including in main regions of development of virgin and long-fallow lands	0.3	3.0	6.2	8.6	7.8	8.7	9.4
of them:							
RSFSR	0.3	2.5	5.0	6.9	6.2	6.9	7.5
Kazakh SSR. . .	0.0	0.5	1.2	1.7	1.6	1.8	1.9

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	Before development of virgin and long- fallow lands (1949- 1953--average a year)	Average a year					1978
		1966-1970	1971-1975	1976-1978	1976	1977	
Wool (in recorded weight), thousands of tons							
USSR.	158	412	479	507	480	512	528
including in main regions of development of virgin and long-fallow lands	54	180	214	224	214	224	234
of them:							
RSFSR	27	81	102	110	102	112	115
Kazakh SSR. . .	27	99	112	114	112	112	119

In 1954-1960 41.8 million hectares were plowed up in the main regions of the development of the virgin and long-fallow lands, including 16.3 million hectares in the RSFSR and 25.5 million hectares in the Kazakh SSR. Over the past 25 years the virgin land regions have provided the state with 721.5 million tons of grain, 71.5 million tons of livestock and poultry (in live weight), 216.9 million tons of milk, including the main regions of the development of virgin and long-fallow lands of the RSFSR--respectively 452.6 million tons, 48.6 million tons and 180.8 million tons, the Kazakh SSR--268.9 million tons, 22.9 million tons and 36.1 million tons. During this period the average annual sale to the state increased as compared with the average annual sale in 1949-1953 for grain by 2.9-fold, for livestock and poultry in live weight by 3.7-fold, for milk by 3.4-fold, including in the main regions of the development of virgin and long-fallow lands of the RSFSR respectively by 2.2-, 3.7- and 3.4-fold, in the Kazakh SSR by 5.9-, 3.6- and 3.1-fold.

Kolkhozes

Main Indicators of the Development of Kolkhozes

	1965	1970	1975	1976	1977	1978
Number of all kolkhozes (at end of the year),* thousands.	36.9	33.6	29.0	27.7	27.1	26.7
excluding fishing kolkhozes.	36.3	33.0	28.5	27.3	26.7	26.3
kolkhoz households present at them, millions	15.4	14.4	13.5	13.3	13.1	13.0

* The decrease of the number of kolkhozes occurred due to their consolidation, as well as in connection with the transformation of some kolkhozes into sovkhoses on the decision of general meetings of kolkhoz farmers.

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	1965	1970	1975	1976	1977	1978
Average annual number of all kolkhoz farmers who took part in the work of kolkhozes (excluding fishing kolkhozes), millions.	18.6	16.7	15.2	14.8	14.4	14.1
including for a group of kolkhozes comparable to 1978.	16.4	15.6	14.8	14.6	14.4	14.1
Gross production of agriculture (in comparable prices of 1973), billions of rubles.	35.5	42.3	42.0	45.4	46.5	46.5
including for a group of kolkhozes comparable to 1978.	31.3	39.4	40.9	44.8	44.3	46.5
Indivisible capital of kolkhozes (excluding fishing kolkhozes) in fixed and working capital (at end of the year), billions of rubles . .	42.3	60.0	91.7	95.4	99.7	103.7
including for a group of kolkhozes comparable to 1978.	37.3	55.9	89.7	94.2	99.3	103.7
Gross income of kolkhozes (excluding fishing kolkhozes)--in prices of corresponding years, billions of rubles.	17.9	22.8	22.3	23.1	24.3	23.9
including for a group of kolkhozes comparable to 1978.	15.8	21.2	21.8	22.8	24.2	23.9
Money and products issued as pay to kolkhoz farmers, billions of rubles	11.5	15.0	16.7	17.5	18.2	18.6
including for a group of kolkhozes comparable to 1978.	10.1	14.0	16.4	17.3	18.2	18.6
Money and products issued as pay to kolkhoz farmers per worked man-day, rubles	2.68	3.90	4.54	4.77	5.09	5.22
Area of all public plantings, millions of hectares	105.1	99.1	98.2	98.2	96.7	96.4
including:						
cereal crops	62.6	55.8	56.6	56.2	57.1	56.0
industrial crops	11.7	10.6	10.1	10.5	10.5	10.4
potatoes, vegetable and cucurbitaceous crops.	3.2	2.8	2.7	2.6	2.6	2.5
fodder crops	27.6	29.9	28.8	28.9	26.5	27.5

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	1965	1970	1975	1976	1977	1978
Population of public productive live-stock (at end of the year), millions of head:						
cattle.	38.3	41.7	47.6	47.0	47.2	47.4
including cows.	13.2	13.5	15.3	15.5	15.7	15.9
hogs.	24.6	29.6	24.1	26.2	27.5	28.4
sheep and goats	54.6	54.1	51.8	50.3	48.8	48.2
including sheep	53.9	53.5	51.2	49.9	48.4	47.9
Tractors (at end of the year):						
thousands	756	942	1064	1071	1085	1097
total horsepower of engines, mil-lions of hp	35	50	66	69	72	75
Number of grain harvesting combines (at end of the year), thousands . . .	224	292	298	296	299	302
Trucks (at end of the year):						
thousands	426	479	520	516	524	525
total carrying capacity, thousands of tons	1127	1279	1446	1465	1505	1543
Average Per Kolkhoz						
Kolkhoz households (at end of the year)	426	435	473	486	491	495
Farming land, thousands of hectares .	6.1	6.1	6.4	6.6	6.6	6.7
Plowland, thousands of hectares . . .	3.1	3.2	3.6	3.7	3.8	3.8
Public plantings, thousands of hectares.	2.9	3.0	3.4	3.6	3.6	3.7
Public livestock (at end of the year), head:						
cattle.	1056	1258	1664	1715	1755	1788
including cows.	363	409	535	566	588	605
hogs.	667	891	844	957	1030	1078
sheep and goats	1506	1633	1813	1837	1824	1832
Indivisible capital in fixed and working capital, thousands of rubles.	1166	1815	3216	3491	3732	3948
Gross income, thousands of rubles . .	494	689	781	844	909	908
Tractors (at end of the year), units.	21	29	37	39	41	42

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Grouping of Kolkhozes by Amount of Gross Income
Per 100 Hectares of Plowland
(percent)

	1965	1970	1975	1977	1978
All kolkhozes.	100.0	100.0	100.0	100.0	100.0
of them those having a gross income per 100 hectares of plowland, thousands of rubles:					
up to 1.	1.1	0.7	1.0	1.5	} 9.5
from 1 to 5.	8.3	2.8	5.2	5.5	
from 5 to 10.	19.4	10.6	12.3	12.2	12.5
from 10 to 15.	17.7	15.0	12.4	11.5	11.0
from 15 to 20.	16.6	15.4	11.9	10.4	8.5
from 20 to 30.	} 36.9	23.8	19.4	18.1	17.5
from 30 to 40.		12.4	12.2	12.8	13.0
over 40.		19.3	25.6	28.0	28.0

Grouping of Kolkhozes by Number of Households
(at end of the year; percent)

	1940	1965	1970	1975	1977	1978
All kolkhozes.	100.0	100.0	100.0	100.0	100.0	100.0
of them those having kolkhoz households:						
up to 100.	73.7	4.3	3.0	2.3	2.0	} 13.5
101-200.	19.1	18.4	17.8	13.7	12.2	
201-300.	4.9	19.5	19.8	19.7	19.2	19.1
301-500.	2.0	28.1	29.0	30.3	30.5	30.6
over 500.	0.3	29.7	30.4	34.0	36.1	36.8

Grouping of Kolkhozes by Number of Cattle
(at end of the year; percent)

	1965	1970	1975	1977	1978
All kolkhozes.	100.0	100.0	100.0	100.0	100.0
including those having cattle. .	99.8	99.9	99.7	99.6	99.6
of them those having cattle, head:					
up to 600.	34.2	20.0	10.4	9.5	9.6
600-999.	27.3	27.0	17.7	15.3	14.6
1,000-3,000.	35.1	48.2	61.8	63.0	63.0
over 3,000.	3.2	4.7	9.8	11.8	12.4

The kolkhozes having more than 1,000 head of cattle in 1978 were distributed as follows (percent of total number of kolkhozes): from 1,000 to 2,000--42.7, from 2,001 to 3,000--20.3, from 3,001 to 5,000--10.0, from 5,001 to 7,000--1.8, over 7,000--0.6.

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Grouping of Kolkhozes by Number of Cows
(at end of the year; percent)

	1965	1970	1975	1977	1978
All kolkhozes.	100.0	100.0	100.0	100.0	100.0
including those having cows. . .	99.8	99.5	98.9	98.3	98.3
of them those having cows, head:					
up to 300.	47.9	36.9	23.1	19.3	18.6
300-499.	28.4	31.6	28.3	24.8	23.5
500-1,000.	19.9	26.4	38.6	42.2	43.3
over 1,000	3.6	4.6	8.9	12.0	12.9

The kolkhozes having over 1,000 cows in 1978 were distributed as follows (percent of the total number of kolkhozes): from 1,001 to 1,200--6.1, over 1,200--6.8.

Grouping of Kolkhozes by Number of Hogs
(at end of the year; percent)

	1965	1970	1975	1977	1978
All kolkhozes.	100.0	100.0	100.0	100.0	100.0
including those having hogs. . .	83.9	81.0	68.4	71.8	74.1
of them those having hogs, head:					
up to 500.	39.2	27.7	24.2	25.0	26.7
500-999.	23.1	22.5	16.7	13.2	13.2
1,000-3,000.	19.8	26.5	22.4	26.2	26.4
over 3,000	1.8	4.3	5.1	7.4	7.8

The kolkhozes having over 3,000 hogs in 1978 were distributed as follows (percent of the total number of kolkhozes): from 3,001 to 6,000--5.2, from 6,001 to 12,000--2.0, from 12,001 to 32,000--0.6, over 32,000--0.05.

Grouping of Kolkhozes by Number of Sheep and Goats
(at end of the year; percent)

	1965	1970	1975	1977	1978
All kolkhozes.	100.0	100.0	100.0	100.0	100.0
including those having sheep and goats.	73.8	65.4	57.9	51.2	49.8
of them those having sheep and goats, head:					
up to 500.	30.8	21.6	13.7	10.0	9.6
500-999.	17.8	16.4	14.0	12.0	11.4
1,000-2,999.	15.9	17.0	17.7	16.1	15.8
3,000-9,999.	6.2	7.1	8.3	8.6	8.5
10,000-20,000.	1.6	1.7	2.3	2.5	2.5
over 20,000.	1.5	1.6	1.9	2.0	2.0

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Production Cost of Main Agricultural Products at Kolkhozes by Union Republics in 1978
(rubles per ton)

	Products of Plant Growing					Products of Animal Husbandry						
	grain (excluding corn)	raw cotton	sugar beets (factory)	sunflowers	potatoes	vegetables (on open ground)	weight gain of young animals and weight gain from fattening			chicken eggs (per thousand)	wool	
							cattle *	hogs *	sheep			milk
USSR.	61	474	29	82	91	106	1785	1629	1231	247	81	6166
RSFSR	63	--	38	86	115	119	1883	1782	1303	265	96	6546
Ukrainian SSR	48	--	25	76	84	89	1633	1451	1519	226	72	6601
Belorussian SSR	87	--	42	--	61	79	1771	1900	2297	234	68	9418
Uzbek SSR	113	450	--	--	182	98	2058	2100	1441	266	123	4481
Kazakh SSR.	61	414	30	81	167	155	1849	1668	952	259	159	5687
Georgian SSR.	83	--	40	104	171	230	3261	2451	1359	372	108	6569
Azerbaijan SSR.	78	514	--	198	224	189	1970	1684	1079	295	137	4830
Lithuanian SSR.	97	--	42	--	100	91	1663	1618	2436	220	55	11099
Moldavian SSR	46	--	24	98	139	124	1955	1402	1614	239	126	6395
Latvian SSR	145	--	43	--	131	95	1743	1569	2001	240	68	11635
Kirgiz SSR.	62	380	26	--	107	114	1445	1189	1098	253	92	5709
Tadzhik SSR	113	490	--	--	134	91	2288	1867	1460	296	145	5023
Armenian SSR.	94	--	49	--	153	98	1984	2277	1491	289	122	5975
Turkmen SSR	115	548	--	--	237	139	1990	1903	796	286	102	3302
Estonian SSR.	131	--	--	--	104	88	1528	1292	1889	228	60	9945

* With allowance made for interfarm agricultural enterprises.

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Main Indicators of Development of Kolkhozes by Union Republics in 1978													
		Number of public productive livestock (at end of the year), thousands of head											

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Interfarm Enterprises and Organizations

Number of Interfarm Enterprises and Organizations					
	1970	1975	1976	1977	1978
Number of interfarm enterprises and organizations	4554	6330	7018	7706	8906
Member farms in them (kolkhozes, sovkhoses and other state and cooperative enterprises and organizations)	68521	94093	106480	114963	137369
Of the total number of interfarm enterprises and organizations:					
construction	2684	2892	2872	2836	2913
for the production of construction materials	146	141	128	174	220
timber managements (forest areas), timber sections	288	465	496	552	664
mixed fodder	77	415	426	448	496
for the processing of agricultural products	14	29	38	39	37
livestock	315	671	791	912	988
poultry factories and poultry farms	574	557	525	517	521
stations (points) for the artificial insemination of agricultural animals	57	195	213	246	347

Main Indicators of the Development of Interfarm Enterprises
(Excluding Construction Enterprises)

	1970	1975	1976	1977	1978
Fixed capital (at end of the year)--					
total, millions of rubles	398.4	2643.2	3580.7	4607.9	5509.1
including agricultural fixed production capital (excluding livestock)	260.4	1797.9	2516.1	3271.8	3883.2
Average registered number of workers--total, thousands	78.7	284.2	367.1	449.5	515.6
including those engaged in agriculture	40.0	150.5	189.3	235.4	254.3
Profit, millions of rubles	152.2	398.2	397.9	605.3	623.1

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Main Indicators of the Development of Interfarm Livestock Enterprises					
	1970	1975	1976	1977	1978
Number of livestock enterprises. . .	315	671	791	912	988
Livestock received for fattening and finishing at member farms, thousands of head:					
cattle	549.8	1068.5	1347.0	2014.9	2113.1
hogs	1139.1	2394.1	2655.3	3140.3	3173.6
Livestock sold (in weight of live livestock), thousands of tons:					
cattle	141.1	334.4	397.4	577.7	632.7
hogs	115.6	316.5	290.7	393.4	428.1
Obtained weight gain, thousands of tons:					
cattle	44.4	170.0	190.3	313.6	326.4
hogs	72.6	227.7	235.9	338.5	364.6

Main Indicators of Development of Interfarm Construction Organizations					
	1970	1975	1976	1977	1978
Fixed capital (at end of the year), millions of rubles.	2177.2	5467.7	6253.1	7083.4	7895.3
including fixed production capital	1777.7	3499.2	4029.1	4584.0	5102.0
Average registered number of workers, thousands.	865.7	1104.7	1129.7	1153.6	1175.3
including those engaged in construction and installation work.	413.3	511.9	513.7	517.4	520.4
Profit, millions of rubles.	354.1	541.6	502.3	507.9	498.5
Amount of contractual operations performed by interfarm construc- tion organizations on their own, millions of rubles.	2497	4166	4367	4545	4726

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Number of Interfarm Enterprises, Organizations and Associations by Union Republics at the End of 1978											
		USSR	RSFSR	Ukrainian SSR	Belorussian SSR	Uzbek SSR	Kazakh SSR	Georgian SSR	Azerbaijan SSR		
Number of interfarm enterprises and organizations		8906	3685	3471	348	211	97	286	137		
Member farms in them (kolkhozes, sovkhoses and other state and cooperative enterprises and organizations)		137369	50682	58861	5974	1962	1048	5059	1876		
including:											
kolkhozes		113331	36137	55606	4868	1797	773	3873	1543		
sovkhoses		20818	12665	2759	1073	154	224	1069	321		
Of the total number of interfarm enterprises and organizations:											
construction		2913	1355	903	125	112	87	51	49		
for the production of construction materials.		220	34	171	--	--	--	13	1		
timber managements (forest areas), timber sections		664	589	62	4	--	--	9	--		
mixed fodder		496	139	349	2	--	--	3	1		
for the processing of agricultural products		37	9	21	--	--	--	--	--		
livestock		988	277	300	19	98	3	63	62		
poultry factories and poultry farms		521	41	421	1	1	--	29	9		
stations (points) for the artificial insemination of agricultural animals		347	206	4	52	--	--	21	1		
holiday homes and sanatoriums		79	23	38	2	--	4	1	--		
homes for the aged		30	18	10	--	--	--	--	--		
others		2611	994	1192	143	--	3	96	14		

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	Lithuanian SSR	Moldavian SSR*	Latvian SSR	Kirgiz SSR	Tadzhik SSR	Armenian SSR	Turkmen SSR	Estonian SSR
Number of interfarm enterprises and organizations	107	216	47	83	71	52	64	81
Member farms in them (kolkhozes, sovkhoses and other state and cooperative enterprises and organizations).	3435	3787	722	552	463	1012	956	980
including:								
kolkhozes	2369	3112	531	397	410	580	899	436
sovkhoses	824	500	177	147	51	430	57	867
Of the total number of interfarm enterprises and organizations:								
construction.	43	34	25	39	28	7	41	14
for the production of construction materials.	--	--	--	--	--	--	--	1
timber managements (forest areas), timber sections.	--	--	--	--	--	--	--	--
mixed fodder.	--	--	1	--	--	1	--	--
for the processing of agricultural products	--	1	6	--	--	--	--	--
livestock	12	37	--	32	34	28	22	1
poultry factories and poultry farms	1	7	--	--	6	4	1	--
stations (points) for the artificial insemination of agricultural animals.	44	--	12	--	--	7	--	--
holiday homes and sanatoriums	6	--	1	--	--	--	--	4
homes for the aged.	--	--	--	--	--	--	--	2
others.	1	137	2	12	3	5	--	9

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USSR	530	184	236	15	28	20	10	2
RSFSR		816	--	62	91	49	--	13
Ukrainian SSR		410	--	37	23	5	--	6
Belorussian SSR		73	--	7	12	7	--	1
Uzbek SSR		130	--	8	15	14	--	1
Kazakh SSR		105	--	--	--	1	--	--
Georgian SSR		222	--	18	13	8	20	3
Azerbaijan SSR		145	30	7	28	--	3	5

Moreover, oblast, kray and republic associations for the management of the activity of interfarm organizations.

at them there are enterprises and organizations: construction and installation administrations (SMU's), construction administrations (SU's), mobile mechanized columns (PMK's).

for the production of construction materials.

design institutes and offices.

material and technical supply.

timber sections and timber managements.

others.

Administrations and trusts for the management of the activity of interfarm enterprises.

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	Lithuanian SSR	Moldavian SSR *	Latvian SSR	Kirgiz SSR	Tadzhik SSR	Armenian SSR	Turkmen SSR	Estonian SSR
Moreover, oblast, kray and republic associations for the management of the activity of interfarm organizations.	2	2	1	10	8	--	10	2
at them there are enterprises and organizations: construction and installation administrations (SMU's), construction administrations (SU's), mobile mechanized columns (PMK's).	5	30	5	13	10	--	6	1
for the production of construction materials	7	10	4	5	4	--	2	2
design institutes and offices.	1	2	1	1	1	--	1	1
material and technical supply.	2	--	1	2	3	--	4	1
timber sections and timber managements	--	2	--	3	--	--	--	--
others	--	75	--	4	9	--	2	1
Administrations and trusts for the management of the activity of interfarm enterprises.	2	10	--	--	4	--	--	1

* For the Moldavian SSR data are cited both for enterprises and organizations, which are carried on an independent balance sheet, and for production associations, which include enterprises, which are not carried on an independent balance sheet. Included in the 37 livestock formations are 34 associations of Kolkhozhivprom, to which belong 31 such enterprises for the fattening of cattle, 32 for the raising of heifers, 34 for the fattening of hogs and 18 poultry factories. Shown among the 134 other enterprises and organizations are: 32 fodder-producing associations, to which belong 32 enterprises for the production of fodders and 39 mixed fodder plants; 31 associations for mechanization, reclamation and chemicalization, to which belong 122 different production units.

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Number of Industrial Enterprises and Works of Interfarm
Organizations and the Output of Industrial Production

	1970	1975	1976	1977	1978
Number of industrial enterprises and works, thousands.	13.4	14.5	15.0	15.9	16.8
All industrial production (1970 = 100)	100	223	246	296	321
Most important types of industrial products:					
timber logging, millions of solid m ³	9.8	11.9	11.6	11.8	10.8
lumber, millions of m ³	4.9	5.8	5.7	5.6	5.4
cement, millions of tons.	1.2	1.3	1.3	1.3	1.3
construction bricks, billions	3.6	4.5	4.4	4.3	4.1
precast reinforced concrete components and parts, millions of m ³ of items	2.3	5.3	5.9	6.5	6.9
flax fiber, thousands of tons	1.1	3.0	2.0	2.7	2.2
canned goods, millions of conventional cans	7.7	32.2	45.1	59.8	59.7

Main Indicators of Development of Interfarm Enterprises
(Excluding Construction) by Union Republics in 1978

	Fixed capital (at end of the year), millions of rubles	Including agri- cultural fixed production capital	Average regis- tered number of workers, thousands	Including those employed in agriculture	Profit, mil- lions of rubles
USSR.	5509.1	3883.2	515.6	254.3	225.1
RSFSR	1870.6	1203.0	196.4	54.9	217.0
Ukrainian SSR	1669.9	968.9	141.9	65.0	245.0
Belorussian SSR	65.8	43.3	9.6	3.6	13.3
Uzbek SSR	82.9	74.6	9.4	9.1	19.2
Kazakh SSR.	16.2	10.6	1.1	0.1	0.4
Georgian SSR.	167.6	144.1	22.8	13.7	5.8
Azerbaijan SSR.	79.6	74.5	5.5	5.2	4.6
Lithuanian SSR.	81.8	59.3	3.0	2.1	2.6
Moldavian SSR	1247.6	1127.9	102.3	80.8	80.6
Latvian SSR	10.1	1.7	1.4	0.4	1.9
Kirgiz SSR.	98.2	85.7	10.0	8.5	18.0
Tadzhik SSR	47.9	33.6	7.4	6.7	6.0
Armenian SSR.	17.4	16.0	2.0	2.0	1.5
Turkmen SSR	33.6	29.1	2.2	2.1	5.5
Estonian SSR.	19.9	10.9	0.6	0.1	1.7

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Main Indicators of Development of Interfarm Construction
Organizations by Union Republics in 1978

	Fixed capital (at end of the year), millions of rubles	including fixed production capital	Average registered number of workers, thousands	including those engaged in construction and installation work	Amount of contractual work performed by interfarm construction organizations on their own, millions of rubles	Profit, millions of rubles*
USSR.	7895.3	5102.0	1175.3	520.4	4725.5	498.5
RSFSR	4438.2	2887.6	588.1	252.0	2392.7	275.5
Ukrainian SSR	1659.2	1144.3	282.7	114.6	1017.6	93.1
Belorussian	435.8	249.8	61.9	32.2	262.8	31.6
Uzbek SSR	249.6	171.9	52.4	28.0	261.3	28.8
Kazakh SSR.	161.3	87.6	28.6	15.1	129.0	9.9
Georgian SSR.	31.2	25.4	11.9	7.0	41.8	2.5
Azerbaijan SSR.	42.5	37.1	14.0	7.5	58.4	5.4
Lithuanian SSR.	203.0	119.4	25.6	11.6	101.4	11.5
Moldavian SSR	209.4	146.1	34.8	14.0	135.0	15.8
Latvian SSR	120.0	49.0	14.4	6.6	59.7	4.6
Kirgiz SSR.	90.1	58.0	16.1	8.3	61.1	1.9
Tadzhik SSR	55.8	39.1	12.9	7.6	53.3	-0.6
Armenian SSR.	0.9	0.9	0.6	0.6	2.8	0.3
Turkmen SSR	54.6	27.9	13.1	6.9	51.6	3.7
Estonian SSR.	143.7	57.9	18.2	8.4	97.0	14.5

* A minus sign (-) means a loss.

Availability of Basic Construction Machinery
at Interfarm Construction Organizations
(at end of the year; units)

	1970	1975	1976	1977	1978
Single-bucket and multibucket excavators	8968	12472	12719	14465	15022
Scrapers.	1838	3718	4283	4849	4792
Bulldozers.	7952	13222	14143	16407	16298
Tower cranes.	933	1626	1628	1890	1859
Truck cranes.	7452	11935	12154	13234	13452

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Sovkhozos

Number of Sovkhozos
(at end of the year)

	1965	1970	1975	1976	1977	1978
All sovkhozos.	11681	14994	1806 ⁴	19617	20066	20484
including:						
grain (including seed growing)	1261	1467	1510	1494	1493	1606
beet growing	320	283	314	313	314	319
cotton growing	156	212	309	322	338	396
special crops (essential oil, tobacco growing, tea growing).	119	128	152	147	158	175
fruit and grape growing, fruit and vegetable growing and potato and vegetable growing.	1668	2368	2878	3094	3219	3357
dairy and meat and dairy . . .	4633	6210	6815	6892	6932	6817
hog raising.	636	853	972	992	1026	1042
sheep raising (including kara- kul raising)	1008	1189	1506	1542	1661	1701
horse raising.	74	94	93	99	98	99
reindeer raising	61	95	123	129	111	111
fur raising.	102	139	125	128	127	133
poultry raising.	716	1006	1104	1145	1201	1238

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Number of Sovkhozes of Main Production Directions by Union Republics at the End of 1978

	including												
	grain (including seed growing)	beet growing	cotton growing	special crops (essential oils, tobacco growing, tea growing)	fruit and grape growing, fruit and vegetable growing and potato and vegetable growing	dairy and meat and dairy	hog raising	sheep raising (including kara-	horse raising	reindeer raising	fur raising	poultry raising	
USSR.	1606	319	396	175	3357	6817	1042	1701	99	111	133	1238	
RSFSR	815	132	--	25	1291	4285	800	772	55	109	113	781	
Ukrainian SSR	29	134	--	16	693	544	88	50	11	--	6	187	
Belorussian SSR	70	3	--	--	14	621	54	10	3	--	4	53	
Uzbek SSR	47	--	301	1	146	55	12	91	3	--	--	31	
Kazakh SSR.	620	36	27	10	152	231	58	588	13	2	--	49	
Georgian SSR.	--	1	--	49	182	115	9	4	1	--	2	21	
Azerbaijan SSR.	4	--	10	23	429	68	2	27	2	--	1	17	
Lithuanian SSR.	--	--	--	1	57	215	1	--	5	--	--	28	
Moldavian SSR	16	--	--	29	179	22	6	--	--	--	--	11	
Latvian SSR	--	--	--	--	1	210	1	--	--	--	4	12	
Kirgiz SSR.	--	12	10	13	29	15	1	67	3	--	--	9	
Tadzhik SSR.	2	--	31	5	35	57	4	34	1	--	--	7	
Armenian SSR.	2	1	--	3	133	231	5	31	1	--	1	16	
Turkmen SSR.	1	--	17	--	14	3	1	27	1	--	--	7	
Estonian SSR.	--	--	--	--	2	145	--	--	--	--	2	9	
ALL sovkhozes	20484												
	11687												
	2093												
	894												
	744												
	2035												
	457												
	631												
	327												
	291												
	243												
	214												
	198												
	434												
	78												
	158												

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Main Indicators of Development of Sovkhozos

	1965	1970	1975	1976	1977	1978
Number of sovkhozos (at end of the year), thousands.	11.7	15.0	18.1	19.6	20.1	20.5
Average annual number of workers employed in all sectors of economy of sovkhozos,* millions . . .	8.2	8.9	10.3	11.0	11.2	11.4
including in agriculture. . . .	7.4	7.7	8.8	9.4	9.5	9.7
of them workers	6.9	7.0	8.0	8.5	8.6	8.7
Gross production of agriculture (in comparable prices of 1973), billions of rubles.	20.6	29.5	35.3	41.1	43.2	45.8
Wages of workers of sovkhozos, rubles:						
average monthly	74.6	101.1	127.3	135.1	139.5	143.8
per worked man-day.	3.21	4.43	5.51	5.83	6.05	6.23
Total planted area, millions of hectares.	89.1	91.7	107.3	111.4	111.8	112.4
including:						
cereal crops.	59.7	57.4	67.4	69.5	70.7	69.9
industrial crops.	3.4	3.5	3.7	3.9	4.0	4.1
potatoes, vegetable and cucurbitaceous crops	1.9	1.8	2.2	2.3	2.3	2.4
fodder crops.	24.1	29.0	34.0	35.7	34.8	36.0
Number of livestock (at end of the year), millions of head:						
cattle.	24.5	29.1	35.6	37.1	38.1	38.9
including cows.	8.9	10.0	12.1	12.8	13.2	13.4
hogs.	12.6	16.6	16.2	19.7	21.7	22.7
sheep and goats	46.4	53.5	63.1	64.5	66.1	67.8
including sheep	46.2	53.1	62.4	63.7	65.2	66.9
Tractors (at end of the year):						
thousands	681	803	1038	1125	1164	1200
total horsepower of engines, millions of horsepower.	34	47	71	79	84	88
Number of grain harvesting combines (at end of the year), thousands	265	294	351	369	373	376
Trucks (at end of the year):						
thousands	335	381	468	509	532	555
total carrying capacity, thousands of tons	914	1069	1406	1562	1677	1789

* Including workers employed at subsidiary industrial enterprises, in construction, in the capital repair of buildings and structures, in housing management and cultural and personal institutions. The number of workers in agriculture is cited without the workers employed in the indicated sectors, but with the inclusion of all the workers of motor transport and people employed in general economic operations.

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Average Size of Sovkhozes

	farming land, thousands of hectares	planted area, thousands of hectares	Per sovkhov livestock, head			
			cattle	including cows	hogs	sheep and goats
All sovkhozes						
1965.	24.6	7.6	2098	782	1073	3975
1977.	17.8	5.6	1905	657	1084	3290
1978.	17.6	5.5	1905	657	1112	3318
Sovkhozes of USSR Ministry of Agriculture--1978	19.0	5.9	2008	695	1179	3565
of them:						
grain	30.9	18.2	3349	1104	1231	4109
cotton growing.	7.0	3.9	1036	315	232	1581
vegetable growing and vege- table and dairy	7.3	3.9	2153	895	512	690
dairy and meat and dairy. . .	11.0	5.2	2618	938	789	1087
hog raising	10.4	7.2	2002	763	10847	349
sheep raising	98.7	8.6	1400	460	162	27304
poultry raising*.	1.9	1.3	434	162	35	119
fattening	11.3	5.2	1566	243	285	413

* On the average there are 356,000 fowl per poultry raising sovkhov.

Main Indicators of Development of Sovkhozes
by Union Republics in 1978

	Number of sovkhozes (at end of the year)	Average annual number of workers employed in all sectors of economy, thousands	Total planted area, thousands of hectares	including cereal crops	Number of productive live- stock (at end of the year), thousands of head			
					cattle	including cows	hogs	sheep and goats
USSR.	20484	11387	112363	69927	38885	13436	22732	67768
RSFSR	11687	5948	65737	40413	23418	8578	13862	26362
Ukrainian SSR . .	2093	1415	7148	3612	4733	1576	3436	2032
Belorussian SSR .	894	464	2157	1046	1892	612	1010	68

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	Number of sovkhoses (at end of the year)	Average annual number of workers employed in all sectors of economy, thousands	Total planted area, thousands of hectares	including cereal crops	Number of productive live- stock (at end of the year), thousands of head			
					cattle	including cows	hogs	sheep and goats
Uzbek SSR.	744	665	2003	835	646	166	263	4584
Kazakh SSR.	2035	1326	31095	22173	5102	1481	1766	25276
Georgian SSR.	457	269	307	115	321	93	157	490
Azerbaijan SSR.	631	272	443	210	370	103	78	1552
Lithuanian SSR.	327	124	657	316	457	160	462	12
Moldavian SSR.	291	235	412	192	212	77	358	152
Latvian SSR.	243	109	696	320	477	178	569	28
Kirgiz SSR.	214	185	564	263	262	85	89	4233
Tadzhik SSR.	198	137	305	99	261	71	75	973
Armenian SSR.	434	130	243	85	323	107	86	931
Turkmen SSR.	78	41	106	19	35	9	21	1072
Estonian SSR.	158	67	490	229	376	140	500	3

Grouping of Sovkhoses by Number of Cattle
(at end of the year; percent)

	1965	1970	1975	1977	1978
All sovkhoses.	100.0	100.0	100.0	100.0	100.0
including those having cattle.	95.7	93.6	91.6	90.0	90.0
of them having cattle, head:					
up to 600.	11.7	11.6	10.3	11.9	12.4
600-999.	11.4	11.1	9.0	8.7	8.8
1,000-3,000.	48.5	50.3	49.3	48.4	47.8
over 3,000.	24.1	20.6	23.0	21.0	21.0

The sovkhoses having more than 1,000 cattle in 1978 were distributed in the following manner (percent of total number of sovkhoses): from 1,000 to 2,000--27.1, from 2,001 to 3,000--20.7, from 3,001 to 5,000--16.1, from 5,001 to 7,000--3.6, over 7,000--1.3.

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Grouping of Sovkhozos by Number of Cows
(at end of the year; percent)

	1965	1970	1975	1977	1978
All sovkhozos.	100.0	100.0	100.0	100.0	100.0
including those having cows. . .	94.9	92.7	89.8	87.2	87.1
of those having cows, head:					
up to 300.	16.8	17.5	16.5	17.5	17.7
300-499.	13.7	16.2	13.7	13.1	13.0
500-1,000.	35.0	35.4	34.1	31.8	31.4
over 1,000	29.4	23.6	25.5	24.8	25.0

The sovkhozos having more than 1,000 cows in 1978 were distributed in the following manner (percent of total number of sovkhozos): from 1,001 to 1,200--8.5, over 1,200--16.5.

Grouping of Sovkhozos by Number of Hogs
(at end of the year; percent)

	1965	1970	1975	1977	1978
All sovkhozos.	100.0	100.0	100.0	100.0	100.0
including those having hogs. . .	61.0	57.5	39.4	45.5	47.9
of those having hogs, head:					
up to 500.	18.4	21.7	12.3	18.4	20.4
500-999.	11.9	8.5	6.0	5.2	5.5
1,000-3,000.	20.8	16.4	12.4	11.8	11.7
over 3,000	9.9	10.9	8.7	10.1	10.3

The sovkhozos having more than 3,000 hogs in 1978 were distributed in the following manner (percent of total number of sovkhozos): from 3,001 to 6,000--5.6, from 6,001 to 12,000--3.0, from 12,001 to 32,000--1.4, over 32,000--0.3

Grouping of Sovkhozos by Number of Sheep and Goats
(at end of the year; percent)

	1965	1970	1975	1977	1978
All sovkhozos.	100.0	100.0	100.0	100.0	100.0
including those having sheep and goats.	41.1	36.3	33.3	29.9	29.4
of those having sheep and goats, head:					
up to 500.	7.2	6.0	4.3	3.7	3.7
500-999.	5.6	5.5	4.6	3.7	3.4
1,000-2,999.	7.9	7.3	6.5	5.5	5.4
3,000-9,999.	9.1	6.7	6.4	6.1	5.9
10,000-20,000.	4.1	4.1	4.1	4.0	3.9
over 20,000.	7.2	6.7	7.4	6.9	7.1

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Production Cost of Main Agricultural Products at Sovkhozes by Union Republics in 1978
(rubles per ton)

	Products of plant growing					Products of animal husbandry					
	grain (exclud- ing corn)	raw cotton	sugar beets (factory)	potatoes	vegetable (on open ground)	cattle	hogs	sheep	milk	chicken eggs (per thousand)	wool
USSR.	70	479	39	113	97	1976	1495	1200	272	61	5837
RSFSR	69	--	51	122	92	2006	1501	1299	285	60	6068
Ukrainian SSR	47	--	23	102	84	1683	1283	1244	227	62	5486
Belorussian SSR	96	--	46	66	60	1866	1744	2204	249	46	9865
Uzbek SSR	149	485	--	190	109	2734	1804	1036	305	87	4322
Kazakh SSR.	74	413	39	169	153	2098	1615	1110	273	53	5859
Georgian SSR.	113	--	46	194	169	2961	2627	1413	340	87	6777
Azerbaijan SSR.	78	471	--	264	137	2311	1692	1338	325	96	4491
Lithuanian SSR.	103	--	49	94	93	1781	1665	2978	232	61	14134
Moldavian SSR	54	--	25	179	127	2048	1592	1616	249	75	7545
Latvian SSR	148	--	48	125	73	1782	1445	2158	238	61	13178
Kirgiz SSR.	75	450	25	156	114	1903	1475	1286	276	61	6335
Tadzhik SSR	134	470	--	152	110	2030	1625	1288	306	71	4844
Armenian SSR.	110	--	52	190	107	2115	1970	1644	298	93	6559
Turkmen SSR.	189	539	--	--	183	2524	1630	802	319	94	3167
Estonian SSR.	142	--	--	115	77	1580	1237	1672	218	50	13044

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Labor Productivity in Agriculture

Growth Rate of Labor Productivity in Agriculture
(social production)

Years	At kolkhozes, interfarm agricultural enterprises, sovkhozes, subsidiary and other agricultural pro- duction enterprises*	At kolkhozes and interfarm agricul- tural enterprises	At sovkhozes
1940 = 100			
1940	100	100	100
1950	100	99	91
1955	138	136	123
1960	203	185	156
1965	239	218	162
1970	328	297	224
1975	350	317	227
1976	387	355	248
1977	409	377	258
1978	420	384	266
1970 = 100			
1970	100	100	100
1975	107	107	102
1976	118	119	111
1977	124	127	115
1978	128	129	119

* As is evident from the table, the growth rate of labor productivity at kolkhozes, interfarm agricultural enterprises, sovkhozes, subsidiary and other agricultural production enterprises, taken together, in a number of instances is greater than the growth rate of labor productivity at kolkhozes and interfarm agricultural enterprises and separately at sovkhozes. This is explained by the increase of the proportion of sovkhozes, at which the level of labor productivity is greater than on the whole at kolkhozes and interfarm agricultural enterprises.

The annual labor productivity in all agricultural in 1978 increased as against 1913 by more than sixfold, the hourly labor productivity increased by more than sevenfold.

The gross production of agriculture increased during this period by 3.6-fold. At the same time the number of people working in agriculture decreased from 49.5 million to 27 million, or by five-ninths.

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Growth Rate of Labor Productivity in Agriculture (Social
Production) on an Average Annual Basis
(percent of 1961-1965)

Years	At kolkhozes, interfarm agricultural enterprises, sovkhozes, subsidiary and other agricultural pro- duction enterprises	At kolkhozes and interfarm agricul- tural enterprises	At sovkhozes
Per average annual worker			
1961-1965	100	100	100
1966-1970	130	131	125
1971-1975	158	159	146
1976-1978	180	184	162
Per man-hour			
1961-1965	100	100	100
1966-1970	136	137	131
1971-1975	163	164	155
1976-1978	182	183	176

Growth Rate of Labor Productivity in Agriculture (Social
Production) on an Average Annual Basis
(percent of 1966-1970)

Years	At kolkhozes, interfarm agricultural enterprises, sovkhozes, subsidiary and other agricultural pro- duction enterprises	At kolkhozes and interfarm agricul- tural enterprises	At sovkhozes
Per average annual worker			
1966-1970	100	100	100
1971-1975	122	122	117
1976-1978	139	141	130
Per man-hour			
1966-1970	100	100	100
1971-1975	119	119	119
1976-1978	134	133	135

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Growth Rate of Labor Productivity in Agriculture (Social
Production) by Union Republics
(output of gross production in comparable prices per average annual worker)

	1970 = 100					1976-1978 as a percent- age of 1971-1975 (on an average annual basis)
	1970	1975	1976	1977	1978	
USSR.	100	107	118	124	128	116
RSFSR	100	107	115	123	127	115
Ukrainian SSR	100	112	128	139	142	121
Belorussian SSR	100	128	144	149	161	127
Uzbek SSR	100	101	109	114	109	110
Kazakh SSR.	100	80	105	97	111	107
Georgian SSR.	100	117	124	143	146	130
Azerbaijan SSR.	100	119	134	131	138	119
Lithuanian SSR.	100	131	145	157	156	130
Moldavian SSR	100	115	126	131	131	114
Latvian SSR	100	117	131	137	127	120
Kirgiz SSR.	100	104	105	107	108	102
Tadzhik SSR	100	107	107	106	112	103
Armenian SSR.	100	114	118	123	123	115
Turkmen SSR	100	103	97	104	97	98
Estonian SSR.	100	136	147	151	138	124

Growth Rate of Labor Productivity in Agriculture (Social
Production) by Union Republics
(output of gross production in comparable prices per worked man-hour)

	1978 as a percentage of 1970			1976-1978 as a percent- age of 1971-1975 (on an average annual basis)		
	in agri- culture	including plant grow- ing	animal husband- ry	in agri- culture	including plant grow- ing	animal husband- ry
USSR.	122	121	130	112	113	114
RSFSR	122	118	131	112	113	114
Ukrainian SSR	137	142	134	116	117	117

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	1978 as a percentage of 1970			1976-1978 as a percent- age of 1971-1975 (on an average annual basis)		
	in agri- culture	including plant grow- ing	animal husband- ry	in agri- culture	including plant grow- ing	animal husband- ry
Belorussian SSR.	145	166	127	118	124	114
Uzbek SSR.	113	113	125	113	114	113
Kazakh SSR.	112	104	125	105	109	106
Georgian SSR.	143	144	134	126	128	118
Azerbaijan SSR.	134	136	133	116	118	113
Lithuanian SSR.	141	143	139	124	131	121
Moldavian SSR.	132	125	144	114	110	124
Latvian SSR.	118	91	132	116	110	119
Kirgiz SSR.	103	105	100	103	106	101
Tadzhik SSR.	112	104	145	104	99	122
Armenian SSR.	132	121	145	119	116	120
Turkmen SSR.	94	87	123	96	94	109
Estonian SSR.	135	105	151	121	114	125

Direct Labor Inputs on Production of 1 Quintal of Basic
Agricultural Products at Kolkhozes and Sovkhozes
of USSR Ministry of Agriculture
(man-hours)

	Average a year			1976	1977	1978
	1966- 1970	1971- 1975	1976- 1978			
At kolkhozes						
Grain (excluding corn).	2.7	1.8	1.4	1.4	1.4	1.2
Raw cotton.	38	35	34	35	33	35
Sugar beets (factory)	1.9	1.6	1.3	1.3	1.3	1.3
Potatoes.	4.3	3.4	2.9	3.0	2.9	2.8
Vegetables (on open ground)	12.3	10.1	7.6	8.0	7.9	7.1
Weight gain of young animals and weight gain from fattening:						
cattle*	71	61	52	57	50	51
hogs*	60	44	36	39	34	35
sheep	64	58	57	60	57	54
Milk.	14	11	10	10	9	9
Eggs (per thousand)	44	26	21	22	21	21
Wool.	294	275	265	278	259	258

* With allowance made for interfarm agricultural enterprises.

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	Average a year			1976	1977	1978
	1966- 1970	1971- 1975	1976- 1978			
At sovkhoses						
Grain (excluding corn).	1.4	1.3	1.1	1.1	1.2	1.0
Raw cotton.	31	28	26	26	25	26
Sugar beets (factory)	2.0	2.0	1.7	1.8	1.6	1.7
Potatoes.	3.7	3.3	3.0	3.1	2.8	3.0
Vegetables (on open ground)	6.4	5.8	4.7	4.8	4.7	4.4
Weight gain of young animals and weight gain from fattening:						
cattle.	48	45	40	43	38	39
hogs.	30	23	19	20	18	18
sheep	42	41	42	44	44	39
Milk.	10	9	8	8	7	7
Eggs (per thousand)	12	7	4	4	4	4
Wool.	197	197	201	210	200	193

Direct Labor Inputs on Production of 1 Quintal of Basic Agricultural
Products at Kolkhozes by Union Republics in 1978
(man-hours)

	Grain (ex- clud- ing corn)	Raw cot- ton	Sugar beets (fac- tory)	Pota- toes	Weight gain of young animals and weight gain from fattening*		Milk
					cattle	hogs	
USSR	1.2	35	1.3	2.8	51	35	9
RSFSR	1.1	--	1.5	3.3	51	37	9
Ukrainian SSR	1.1	--	1.1	2.7	55	38	10
Belorussian SSR	1.8	--	2.7	1.8	42	34	9
Uzbek SSR	6.3	33	--	7.8	66	47	11
Kazakh SSR	1.0	34	1.5	5.2	51	35	9
Georgian SSR	2.5	--	2.9	10.3	99	67	14
Azerbaijan SSR	4.3	40	--	23.3	102	49	18
Lithuanian SSR	1.7	--	1.7	2.8	29	23	5
Moldavian SSR	1.4	--	1.4	7.0	33	23	10
Latvian SSR	2.2	--	1.3	3.5	32	19	5
Kirgiz SSR	1.8	43	1.2	5.2	40	21	10
Tadzhik SSR	5.9	39	--	7.9	62	29	12
Armenian SSR	6.1	--	4.0	6.1	79	64	13
Turkmen SSR	5.1	38	--	6.9	54	28	12
Estonian SSR	1.6	--	--	2.2	19	11	4

* With allowance made for interfarm agricultural enterprises.

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Direct Labor Inputs on Production of 1 Quintal of Basic Agricultural
Products at Sovkhozes of USSR Ministry of Agriculture
by Union Republics in 1978
(man-hours)

	Grain (ex- clud- ing corn)	Raw cot- ton	Sugar beets (fac- tory)	Pota- toes	Weight gain of young animals and weight gain from fattening		Milk
					cattle	hogs	
USSR.	1.0	26	1.7	3.0	39	18	7
RSFSR	0.9	--	2.0	3.0	38	17	7
Ukrainian SSR	0.9	--	0.9	2.8	38	19	7
Belorussian SSR	2.1	--	2.8	2.3	33	23	8
Uzbek SSR	3.7	25	--	6.8	54	21	10
Kazakh SSR.	0.8	24	1.8	3.9	42	22	8
Georgian SSR.	4.2	--	3.4	9.1	95	67	14
Azerbaijan SSR.	2.4	34	--	12.3	88	21	15
Lithuanian SSR.	1.8	--	1.9	3.0	27	21	5
Moldavian SSR	1.3	--	0.8	6.0	29	21	7
Latvian SSR	2.2	--	1.5	3.5	25	13	5
Kirgiz SSR.	2.1	32	1.2	5.7	57	20	10
Tadzhik SSR	8.8	32	--	7.8	74	18	13
Armenian SSR.	4.0	--	4.1	6.8	72	34	12
Turkmen SSR	4.7	28	--	...	33	19	8
Estonian SSR.	1.6	--	--	2.5	19	11	4

Personnel in Agriculture

Average Annual Number of Workers Employed at Kolkhozes, Sovkhozes,
Interfarm Agricultural Enterprises, Subsidiary and Other Agricultural
Production Enterprises
(millions)

	1940	1965	1970	1975	1976	1977	1978
Workers employed in all sectors of economy of kolkhozes, sovkhozes, inter- farm agricultural enterprises, subsidi- ary and other agricultural production enterprises--total.	31.3	28.3	27.0	26.6	26.6	26.5	26.4
including:							
at kolkhozes (public sector)* . . .	29.0	18.9	17.0	15.4	15.0	14.6	14.3
at sovkhozes, subsidiary and other agricultural production enterprises	1.8	9.4	10.0	11.0	11.4	11.6	11.8
at interfarm agricultural enter- prises.	--	0.0	0.0	0.2	0.2	0.3	0.3
at machine and tractor and techni- cal repair stations	0.5	--	--	--	--	--	--

* Including kolkhoz farmers of kolkhozes, which were transformed into sov-
khozes, during the period of their work at kolkhozes.

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	1940	1965	1970	1975	1976	1977	1978
Moreover, workers recruited from other enterprises to work at kolkhozes and sovkhoses.	0.1	0.5	0.6	1.0	1.1	1.1	1.3
Of the total number of workers (including recruited people) those employed in agriculture.	28.1	25.8	24.1	23.5	23.5	23.3	23.3

In 1978 a total of 26.4 million people worked in all the sectors of the economy of kolkhozes, sovkhoses, interfarm agricultural enterprises, subsidiary and other agricultural production enterprises (in agriculture, at subsidiary industrial enterprises, in construction, in the capital repair of buildings and structures, in housing management and at cultural and personal institutions), while with the inclusion of recruited people 27.7 million people did, of them 23.3 million worked in agriculture. This number (23.3 million) does not include the members of the families of kolkhoz farmers, workers and employees, who are employed only in the private subsidiary sector. With allowance made for the labor inputs in the private subsidiary sector the average annual number of workers employed in all agriculture is about 27 million.

Number of Specialists With a Higher and Secondary Specialized Education, Who Are Employed at Kolkhozes, Sovkhoses, Interfarm Agricultural Enterprises, Subsidiary and Other Agricultural Production Enterprises*
(thousands)

	on 16 Novem- ber 1970	on 14 Novem- ber 1975	on 15 Novem- ber 1977
Total at kolkhozes, sovkhoses, interfarm agricultural enterprises, subsidiary and other agricultural production enterprises			
Specialists with a higher and secondary specialized education of all specializations. .	832	1224	1415
including those having agricultural specializations**	728	1021	1129
of them agronomists, livestock experts and veterinary workers	500	658	721

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	on 16 Novem- ber 1970	on 14 Novem- ber 1975	on 15 Novem- ber 1977
At kolkhozes			
Specialists with a higher and secondary specialized education of all specializations. . .	390	548	607
including those having agricultural specializations** . .	352	479	514
of them agronomists, livestock experts and veterinary workers	234	297	318
At sovkhoses, interfarm agricultural enterprises, subsidiary and other agricultural production enterprises			
Specialists with a higher and secondary specialized education of all specializations. . .	442	676	808
including those having agricultural specializations** . .	376	542	615
of them agronomists, livestock experts and veterinary workers	266	361	403

* According to the composition of kolkhozes and sovkhoses in the corresponding year.

** The cited data include specialists with a higher and secondary education, who received upon graduation from educational institutions specializations in agronomy, animal husbandry, veterinary medicine, land management, the mechanization of agriculture, the electrification of agriculture, hydromelioration, the mechanization of hydromelioration structures, in the economics and organization of agriculture, the planning of agriculture, accounting in agriculture.

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Number of Managerial Workers of Kolkhozes (Excluding Fishing Kolkhozes)
by Held Positions by Union Republics on 1 April 1979

	Kolkhoz chairmen	Released deputy kolkhoz chairmen	Chief specialists (chief agronomists, chief livestock experts, chief veterinarians, chief engineers)	Agronomists	Livestock experts	Veterinarians, assistant veterinarians, veterinary technicians	Engineers and technicians	Leaders of production brigades in plant growing	Chiefs and brigade leaders of livestock farms
USSR--total	26082	18700	86981	46527	37327	52564	93962	118743	72753
including women	490	1337	12504	14060	22671	17525	2186	11768	24436
Of the total number, managerial workers by union republics:									
RSFSR	12000	6951	40421	18885	17459	24319	42283	41394	36196
Ukrainian SSR	6965	6421	23947	14125	10927	17148	25184	26012	17049
Belurussian SSR	1854	1594	6641	1897	1793	2354	4592	6227	4688
Uzbek SSR	869	860	2768	2929	521	943	4727	15866	1781
Kazakh SSR	400	250	1564	815	1026	1717	2672	1822	1366
Georgian SSR	687	73	1285	1223	327	620	620	4793	1417
Azerbaijan SSR	667	24	1783	1084	488	669	1406	5093	2031
Lithuanian SSR	783	1102	2952	1549	1716	1338	3617	1674	3174
Moldavian SSR	421	424	1013	966	433	806	1573	2770	1058
Latvian SSR	326	281	1237	878	999	763	2273	363	772
Kirgiz SSR	179	119	694	415	528	1022	1123	1523	791
Tadzhik SSR	169	137	600	507	238	270	1214	3602	444
Armenian SSR	311	2	651	127	60	168	300	1061	652
Turkmen SSR	308	305	875	564	178	81	1164	6237	654
Estonian SSR	143	156	550	563	634	346	1214	306	680

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Composition of Managerial Workers of Kolkhozes (Excluding Fishing Kolkhozes)
by Education by Union Republics on 1 April 1979
(percent)

Having a complete higher and secondary specialized education										
	kolkhoz chairmen	released deputy kolkhoz chairmen	chief specialists (chief agronomists, chief livestock experts, chief veterinarians, chief engineers)	agronomists	livestock experts	veterinarians, assistant veterinarians, veterinary technicians	engineers and technicians	leaders of production brigades in plant growing	chiefs and brigade leaders of livestock farms	
USSR.	95.1	85.6	96.4	96.8	94.6	75.8	65.1	41.6	47.0	
RSFSR	93.7	74.6	95.2	97.0	94.6	63.9	61.7	31.0	33.2	
Ukrainian SSR	97.5	92.8	98.2	98.1	96.6	81.5	69.7	67.8	62.7	
Belorussian SSR	97.6	94.0	98.1	98.1	95.4	92.7	70.1	63.9	69.1	
Uzbek SSR	94.9	95.8	94.2	93.0	95.0	96.1	63.8	22.7	51.9	
Kazakh SSR.	96.8	80.4	97.2	94.0	91.9	82.4	61.2	35.5	49.8	
Georgian SSR.	93.2	86.3	96.4	96.7	94.2	95.5	76.3	47.0	53.4	
Azerbaijan SSR.	94.6	83.4	95.9	96.4	96.9	93.6	79.0	41.9	38.2	
Lithuanian SSR.	91.6	92.5	96.4	95.4	93.2	76.0	60.7	70.5	76.5	
Moldavian SSR	98.6	92.7	98.9	99.1	98.1	83.3	73.1	60.6	52.1	
Latvian SSR	90.5	86.8	94.3	88.3	79.9	91.9	58.4	57.3	41.5	
Kirgiz SSR.	96.1	98.3	98.6	93.0	95.3	93.4	65.5	32.6	57.1	
Tadzhik SSR	94.1	87.6	96.7	92.5	98.3	94.1	67.3	18.1	59.0	
Armenian SSR.	95.5	100.0	96.9	92.9	95.0	91.1	67.0	47.2	54.9	
Turkmen SSR	95.8	70.8	93.4	94.2	92.1	95.1	61.7	21.2	61.5	
Estonian SSR.	90.9	87.8	97.5	95.9	85.3	80.3	71.1	69.6	49.0	

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Number of Managerial Workers of Sovkhozes by Held Positions by Union Republics on 1 April 1979											
	Sovkhoz directors	Managers of departments (farms)	Chief specialists (chief agronomists, chief livestock experts, chief veterinarians, chief engineers)	Agronomists	Livestock experts	Veterinarians, assistant veterinarians, veterinary technicians	Engineers and technicians	Leaders of production brigades in plant growing	Chiefs and brigade leaders of livestock farms		
USSR--total.	20647	41329	76176	47708	45708	62423	121455	110931	72719		
including women.	305	2373	9042	14011	21392	24344	8502	17949	30859		
Of total number, managerial workers by union republics:											
RSFSR	11798	24370	43658	24683	26204	36368	67021	46293	44918		
Ukrainian SSR	1973	4425	7729	5422	4052	6174	15090	11073	8298		
Belorussian SSR	905	391	3414	1364	1436	2603	4310	4550	2803		
Uzbek SSR	782	2956	2649	3707	1248	1960	7603	18085	1947		
Kazakh SSR	2058	4891	7887	5849	7666	9040	14287	8635	5111		
Georgian SSR	460	1166	1327	1266	314	767	1026	4746	1473		
Azerbaijan SSR	644	249	2242	1604	505	959	1664	5513	1397		
Lithuanian SSR	334	909	1295	556	647	725	1590	980	1581		
Moldavian SSR	344	239	1149	820	267	393	2217	2730	615		
Latvian SSR	246	318	947	680	823	685	1863	845	819		
Kirgiz SSR	219	447	785	425	649	1151	1353	1408	619		
Tadzhik SSR	215	238	729	413	243	514	1124	2585	561		
Armenian SSR	431	63	1469	246	241	460	636	1661	1259		
Turkmen SSR	81	193	265	149	191	175	438	1008	124		
Estonian SSR	157	474	631	524	601	449	1233	819	1194		

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Composition of Managerial Workers of Sovkhozes by Education by Union Republics on 1 April 1979
(percent)

Have a complete higher and secondary specialized education										
	sovkhoz directors	managers of departments (farms)	chief specialists (chief agronomists, chief livestock experts, chief veterinarians, chief engineers)	agronomists	livestock experts	veterinarians, assistant veterinarians, veterinary technicians	engineers and technicians	leaders of production brigades in plant growing	chiefs and brigade leaders of livestock farms	
USSR.	98.7	65.1	97.4	94.7	91.4	81.4	66.4	43.2	45.5	
RSFSR	98.3	58.7	97.2	95.4	92.1	78.4	65.7	41.1	41.9	
Ukrainian SSR	99.7	83.2	98.7	96.8	95.5	85.2	73.1	65.5	50.8	
Belorussian SSR	99.7	82.6	99.2	98.8	95.5	90.4	73.5	62.6	66.2	
Uzbek SSR	99.2	73.4	96.6	90.9	92.1	92.2	62.6	24.5	49.3	
Kazakh SSR	99.6	62.7	98.2	91.6	87.3	82.2	59.8	30.5	39.5	
Georgian SSR	98.9	86.8	97.1	96.1	94.9	91.0	81.2	60.6	48.8	
Azerbaijan SSR	98.3	69.5	95.5	95.4	96.2	88.5	73.7	59.3	47.5	
Lithuanian SSR	98.2	71.6	97.6	96.0	94.7	76.1	72.6	72.8	68.3	
Moldavian SSR	99.7	87.9	98.7	98.3	95.5	84.0	77.6	59.6	54.5	
Latvian SSR	98.4	70.4	96.6	84.6	70.6	91.8	58.1	64.6	48.4	
Kirgiz SSR	100.0	72.9	99.4	95.1	91.2	85.3	60.8	31.2	51.4	
Tadzhik SSR	98.1	63.0	94.9	89.8	92.6	85.6	57.6	18.0	49.6	
Armenian SSR	97.9	71.4	94.1	98.0	96.7	90.7	71.2	58.8	57.0	
Turkmen SSR	98.8	79.3	95.8	94.6	94.8	95.4	64.6	25.9	52.4	
Estonian SSR	100.0	85.4	97.5	94.3	88.5	79.3	70.3	74.8	55.3	

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Number of Managerial Workers of Interfarm Agricultural Enterprises
by Held Positions and Education on 1 April 1979

	Total	including women	Of total number those having a complete higher and secondary specialized education (percent)
Managers of enterprises.	2944	259	96.8
Released deputy managers of enterprises.	331	13	89.4
Chief specialists (chief agrono- mists, chief livestock experts, chief veterinarians, chief en- gineers)	4510	545	96.5
Agonomists.	1388	491	92.6
Livestock experts.	2761	1348	92.4
Veterinarians, assistant veteri- narians, veterinary technicians.	3130	984	88.3
Engineers and technicians.	7387	799	65.2
Leaders of production brigades in plant growing	2639	77	49.7
Chiefs and brigade leaders of livestock farms.	1760	323	66.5

Number of Workers and Employees at Sovkhozes, Interfarm Agricultural
Enterprises, Subsidiary and Other Agricultural Production Enterprises
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Average annual number of workers and employees in all sectors of economy of sovkhozes, interfarm agricultural enterprises, sub- sidiary and other agricultural production enterprises.	1835	9359	10037	11242	11563	11852	12159
including in agriculture.	1760	8473	8833	9787	9970	10180	10387
of them:							
workers	1558	7914	8087	8861	9008	9179	9333
agronomic, animal husbandry, veterinary, engineering and technical personnel	66	287	380	495	516	539	580
employees	77	197	255	307	318	330	337

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Number of Machine Operators at Kolkhozes, Sovkhozes
and Interfarm Agricultural Enterprises
(thousands)

	1940	On 1 April					
		1965	1971	1976	1977	1978	1979
Number of tractor driver-mechanics, tractor drivers, combine drivers and drivers at kolkhozes, sov- khozes and interfarm agricultural enterprises--total.	1401	3094	3503	4074	4222	4316	4429
including:							
at kolkhozes*	1298	1876	2068	2181	2203	2229	2261
at sovkhoses.	103	1218	1435	1850	1959	2017	2090
at interfarm agricultural enterprises	--	--	--	43	60	70	78
Of total number of machine operators:							
tractor driver-mechanics, tractor drivers, combine drivers at kol- khozes, sovkhoses and interfarm agricultural enterprises--total . . .	1237	2245	2449	2810	2892	2943	3018
including:							
at kolkhozes*	1153	1383	1476	1541	1549	1563	1586
at sovkhoses.	84	862	973	1242	1305	1337	1384
at interfarm agricultural enter- prises.	--	--	--	27	38	43	48
drivers at kolkhozes, sovkhoses and interfarm agricultural enter- prises--total	164	849	1054	1264	1330	1373	1411
including:							
at kolkhozes*	145	493	592	640	654	666	675
at sovkhoses.	19	356	462	608	654	680	706
at interfarm agricultural enter- prises.	--	--	--	16	22	27	30

* For 1940 the data are cited with the inclusion of machine operators who worked at machine and tractor stations.

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Number of Machine Operators at Kolkhozes, Sovkhozes and Interfarm Enterprises
by Union Republics on 1 April 1979
(thousands)

	Total tractor driver-mechanics, tractor drivers, combine drivers and drivers at kolkhozes, sov- khozes and inter- farm agricultural enterprises	including			at Interfarm agri- cultural enterprises		
		at kolkhozes	at sovkhozes	at Interfarm agri- cultural enterprises	tractor driv- er-mechanics, tractor driv- ers, combine drivers	tractor driv- er-mechanics, tractor driv- ers, combine drivers	drivers
USSR.	4429.5	1585.9	674.8	1383.7	706.4	48.6	30.1
RSFSR	2172.4	700.3	283.1	792.5	380.2	9.1	7.2
Ukrainian SSR	952.9	478.0	216.7	147.7	95.5	7.2	7.8
Belorussian SSR	206.8	89.0	37.7	52.1	27.1	0.3	0.6
Uzbek SSR	226.9	97.7	25.0	75.5	26.2	1.7	0.8
Kazakh SSR.	359.4	40.1	20.4	198.7	100.2	0.0	0.0
Georgian SSR.	37.5	7.9	8.6	10.5	8.8	0.9	0.8
Azerbaijan SSR.	52.3	16.6	9.9	12.9	11.7	0.6	0.6
Lithuanian SSR.	68.6	31.0	14.9	14.3	7.8	0.1	0.5
Moldavian SSR	111.1	26.0	14.9	23.1	11.0	26.5	9.6
Latvian SSR	45.3	15.7	9.1	13.0	7.4	0.0	0.1
Kirgiz SSR.	51.4	16.2	9.3	14.5	9.4	1.1	0.9
Tadzhik SSR.	47.9	19.9	8.1	11.4	7.4	0.6	0.5
Armenian SSR.	19.1	3.7	3.5	5.2	6.4	0.1	0.2
Turkmen SSR	53.5	36.2	9.2	4.5	2.7	0.4	0.5
Estonian SSR.	24.4	7.6	4.4	7.8	4.6	--	0.0

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TRANSPORT AND COMMUNICATIONS

Freight Turnover of All Types of Common Carrier
(billions of ton-kilometers)

	All types of transport	including					
		rail	maritime	river	pipeline (petroleum and petroleum-product pipelines)	motor*	air
1913							
within boundaries of USSR prior to 17 September 1939	114.5	65.7	19.9	28.5	0.3	0.1	--
within present boundaries of USSR.	126.0	76.4	20.3	28.9	0.3	0.1	--
1928.	119.5	93.4	9.3	15.9	0.7	0.2	0.0
1932.	218.4	169.3	20.1	25.0	2.9	1.1	0.0
1937.	434.4	354.8	36.8	33.3	3.6	5.9	0.02
1940.	494.4	420.7	24.9	36.1	3.8	8.9	0.02
1945.	374.8	314.0	34.2	18.8	2.7	5.0	0.06
1946.	395.5	335.0	29.4	20.6	2.9	7.5	0.08
1950.	713.3	602.3	39.7	46.2	4.9	20.1	0.14
1955.	1165.0	970.9	68.9	67.7	14.7	42.5	0.25
1960.	1885.7	1504.3	131.5	99.6	51.2	98.5	0.56
1965.	2764.0	1950.2	388.8	133.9	146.7	143.1	1.34
1970.	3829.2	2494.7	656.1	174.0	281.7	220.8	1.88
1975.	5200.8	3236.5	736.2	221.7	665.9	337.9	2.59
1976.	5432.6	3295.4	762.1	222.7	794.6	355.1	2.71
1977.	5632.7	3330.9	772.6	230.7	922.4	373.3	2.80
1978.	5947.9	3429.4	827.7	243.6	1049.1	395.2	2.86

*Including motor transport of all departments and organizations, as well as kolkhozes.

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Passenger Turnover of All Types of Common Carrier*
(billions of passenger-kilometers)

	All types of transport	including				
		rail	maritime	river	motor (common carrier buses)	air
1913						
within boundaries of the USSR prior to 17 September 1939. .	27.6	25.2	1.0	1.4	--	--
within the present boundaries of the USSR	32.7	30.3	1.0	1.4	--	--
1928.	27.1	24.5	0.3	2.1	0.2	0.0
1932.	89.9	83.7	1.0	4.5	0.7	0.01
1937.	97.3	90.9	0.9	3.2	2.2	0.1
1940.	108.7	100.4	0.9	3.8	3.4	0.2
1945.	69.8	65.9	0.6	2.3	0.5	0.5
1946.	105.3	97.9	1.4	3.2	1.8	1.0
1950.	98.3	88.0	1.2	2.7	5.2	1.2
1955.	170.2	141.4	1.5	3.6	20.9	2.8
1960.	249.5	170.8	1.3	4.3	61.0	12.1
1965.	366.6	201.6	1.5	4.9	120.5	38.1
1970.	553.1	265.4	1.6	5.4	202.5	78.2
1975.	747.1	312.5	2.1	6.3	303.6	122.6
1976.	779.6	315.1	2.4	6.0	325.3	130.8
1977.	802.4	322.2	2.6	5.6	344.5	127.5
1978.	841.8	332.1	2.3	5.8	361.5	140.1

* The data on the carrying of passengers by urban electric passenger transport are cited on page 306.

Rail Transport

Length of Railroad Track in Use of the Ministry of Railways
(at end of the year; thousands of km)

Years	Total length of rail- road track in use	including electrified
1913		
within the boundaries of the USSR prior to 17 September 1939	58.5	--
within the present boundaries of the USSR.	71.7	--
1928	76.9	--

/Table continued on following page/

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Years	Total length of rail- road track in use	including electrified
1932.	81.8	0.06
1937.	84.9	1.6
1940.	106.1	1.9
1945.	112.9	2.0
1946.	114.1	2.1
1950.	116.9	3.0
1955.	120.7	5.4
1960.	125.8	13.8
1965.	131.4	24.9
1970.	135.2	33.9
1975.	138.3	38.9
1976.	138.5	39.7
1977.	139.8	40.5
1978.	140.4	41.1

Length of Railroad Track in Use of the Ministry of Railways
by Union Republics
(at end of the year; thousands of km)

	1940	1965	1970	1975	1976	1977	1978
USSR.	106,1	131,4	135,2	138,3	138,5	139,8	140,4
RSFSR	58,68	75,44	77,55	79,75	79,87	81,0	81,48
Ukrainian SSR	20,10	21,73	22,06	22,27	22,24	22,26	22,44
Belorussian SSR	6,44	5,35	5,43	5,46	5,47	5,51	5,52
Uzbek SSR	1,91	2,71	2,95	3,38	3,38	3,38	3,39
Kazakh SSR.	6,58	12,47	13,77	14,12	14,14	14,16	14,10
Georgian SSR.	1,13	1,41	1,41	1,42	1,42	1,42	1,42
Azerbaijan SSR.	1,21	1,73	1,81	1,85	1,85	1,85	1,88
Lithuanian SSR.	2,01	2,02	2,02	2,00	2,00	2,03	2,03
Moldavian SSR	0,82	1,03	1,07	1,11	1,11	1,11	1,11
Latvian SSR	3,21	2,82	2,61	2,43	2,46	2,45	2,45
Kirgiz SSR.	0,22	0,37	0,37	0,37	0,37	0,37	0,37
Tadzhik SSR	0,25	0,26	0,26	0,43	0,45	0,45	0,45
Armenian SSR.	0,40	0,55	0,56	0,59	0,71	0,71	0,71
Turkmen SSR	1,75	2,10	2,11	2,12	2,12	2,12	2,12
Estonian SSR.	1,39	1,40	1,20	1,00	0,95	0,96	0,97

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Freight Turnover of Rail Transport by Individual Types
(billions of tariff ton-kilometers)

	1940	1965	1970	1975	1976	1977	1978
Freight turnover--total. . .	420.7	1950.2	2494.7	3236.5	3295.4	3330.9	3429.4
Hard coal.	100.9	374.4	424.6	498.0	535.8	551.7	577.3
Coke	6.1	22.5	23.5	29.4	30.3	30.0	28.4
Petroleum cargo.	36.6	280.4	353.9	481.4	479.9	483.9	473.2
Ferrous metals	22.7	140.8	192.1	258.3	269.8	265.8	279.5
Lumber cargo	52.4	263.0	294.5	307.7	284.8	277.1	282.1
including firewood . . .	6.0	16.3	14.1	11.4	9.2	7.3	7.9
Grain cargo.	34.5	83.7	111.3	127.9	138.5	126.6	135.3
All ore (including pyrite)	21.5	109.4	169.5	232.0	232.6	234.3	243.1
Mineral construction materials.	29.0	226.5	300.0	440.5	441.3	446.7	456.0
Mineral fertilizers. . . .	6.6	46.5	70.9	112.2	113.4	120.8	124.5
Other freight.	110.4	403.0	554.4	749.1	769.0	794.0	830.0

Transportation of Individual Cargoes by Rail Transport
(millions of tons)

	1940	1965	1970	1975	1976	1977	1978
Freight hauled--total. . .	605.1	2415.3	2896.0	3621.1	3654.8	3723.4	3776.4
Hard coal.	145.4	552.6	613.9	716.9	730.3	739.1	741.2
Coke	7.3	30.4	33.3	35.2	36.0	36.3	35.4
Petroleum cargo.	29.6	222.2	302.8	389.0	394.4	406.3	412.1
Ferrous metals	21.9	111.7	141.6	183.1	190.1	189.6	195.2
Lumber cargo	69.8	175.1	178.8	187.0	173.2	168.4	165.9
including firewood . . .	24.0	22.1	19.4	12.3	10.2	8.4	8.3
Grain cargo.	46.8	88.5	106.1	122.0	130.1	126.8	134.6
All ore (including pyrite)	35.2	191.2	245.6	307.8	316.1	319.0	325.5
Mineral construction materials.	114.9	573.2	691.0	946.8	941.1	960.1	974.9
Mineral fertilizers. . . .	4.4	42.9	70.9	106.1	107.7	112.4	115.6
Other freight.	129.8	427.5	512.0	627.2	635.8	665.4	676.0

Passenger Turnover and Transportation of Passengers by Rail Transport

	1940	1965	1970	1975	1976	1977	1978
Passenger turnover, billions of passenger-kilometers.	100.4	201.6	265.4	312.5	315.1	322.2	332.1
including in suburban traffic	26.5	51.6	71.8	88.7	91.0	93.3	95.1
Passengers carried, millions	1377	2301	2930	3470	3545	3566	3603
including in suburban traffic	1025	2049	2616	3130	3201	3225	3253

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Average length of trip of one passenger, km.	73	88	91	90	89	90	92
including in suburban traffic.	26	25	27	28	28	29	29

Density of Railroads and Density of Freight and Passenger
Traffic in Rail Transport

Years	Railroads per 1,000 km ² of territory, km	Traffic on the average per km of track in use	
		millions of tkm	millions of passenger-km
1913			
within the boundaries of the USSR prior to 17 September 1939. . .	2.7	1.1	0.4
within the present boundaries of the USSR	3.2	1.1	0.4
1940	4.8	4.3	1.0
1945	5.0	2.8	0.6
1946	5.1	3.0	0.9
1950	5.2	5.2	0.8
1955	5.4	8.1	1.2
1960	5.6	12.1	1.4
1965	5.9	15.1	1.6
1970	6.0	18.5	2.0
1975	6.2	23.5	2.3
1976	6.2	23.8	2.3
1977	6.2	24.0	2.3
1978	6.3	24.5	2.4

Indicators of Use of Rolling Stock in Rail Transport

	1940	1965	1970	1975	1976	1977	1978
Average daily run of an engine in freight traffic (including transfer and export trains), km .	256.8	476.5	499.5	510.0	497.2	491.2	487.9
electric locomotives.	367.0	617.5	584.8	563.5	541.3	533.0	524.1
diesel engines.	356.7	518.3	475.0	470.5	462.7	456.2	455.6
Average traveling speed of a freight train (all types of traction, including transfer and export trains), km/hr:							
sectional	20.3	33.6	33.5	33.4	32.9	32.3	32.1
maximum	33.1	45.3	46.4	46.6	46.3	45.8	45.1
Average daily run of a freight car, km	139.9	249.7	255.5	248.5	244.5	234.5	233.9

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Number of Workers Employed in Transportation and Labor
Productivity in Rail Transport of the Ministry of Railways

Years	Adjusted tkm performed, billions	Average annual number of work- ers employed in transportation,* thousands	Labor productivity per worker employed in transportation, thousands of ad- justed tkm
1913			
within the boundaries of the USSR prior to 17 September 1939. .	91	691	132
within the present boundaries of the USSR	107	846	126
1940	521	1420	367
1945	380	1517	250
1946	433	1578	274
1950	690	1712	403
1955	1112	1980	562
1960	1675	2011	833
1965	2152	1981	1086
1970	2760	1999	1381
1975	3549	2072	1713
1976	3610	2081	1735
1977	3653	2099	1740
1978	3762	2128	1767

* The data on the number of all workers of rail transport are cited on page 349.

Length, Freight Turnover and Freight Traffic on Railroad
Sidings of Industrial Enterprises and Organizations

	1940	1965	1970	1975	1976	1977	1978
Length (at end of the year),*							
thousands of km.	114.0	120.8	130.5	129.8	131.7	131.4	
Freight turnover, billions of tkm	5.9	44.2	55.3	70.9	71.6	72.4	73.7
Freight traffic, billions of tons	0.9	6.3	7.7	9.9	10.1	10.3	10.9

* Total length of track. The length of sidings in use at the end of 1978 was 87,700 km.

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Maritime Transport

Main Indicators of the Development of Maritime Transport
of the Ministry of the Maritime Fleet*

	1913	1940	1965	1970	1975	1976	1977	1978
Freight turnover, billions of ton-miles. . .	11.0	13.4	209.9	354.3	397.5	411.5	417.2	446.9
Freight hauled, millions of tons	15.1	32.9	119.3	161.9	200.0	214.5	220.3	229.4
Average length of haul of 1 ton of freight, miles. . . .	726	409	1759	2188	1988	1919	1894	1948
Passenger turnover, millions of passenger-miles	550	480	796	859	1153	1306	1425	1265
Passengers carried, millions.	3.7	9.7	37.2	38.5	51.6	49.9	51.9	50.3
Average length of trip of one passenger, miles.	149	50	21	22	22	26	27	25

* Excluding the Central Asian Steamship Company.

Freight Transportation by Maritime Transport of the Ministry of the
Maritime Fleet in All Types of Navigation
(millions of tons)

	1940	1965	1970	1975	1976	1977	1978
All freight.	32.9	119.3	161.9	200.0	214.5	220.3	229.4
including:							
liquid cargoes	19.6	53.5	75.1	91.4	100.9	104.4	108.6
timber and firewood in rafts	0.6	0.9	0.4	0.4	0.4	0.4	0.3
dry cargoes.	12.7	64.9	86.4	108.2	113.2	115.5	120.5
of them:							
hard coal.	2.7	8.2	9.3	9.2	9.8	10.6	10.0
timber and firewood in ships	1.3	6.0	10.6	11.4	11.6	12.6	12.3
ore.	1.5	10.4	13.6	17.9	17.4	18.9	18.3
mineral construction materials.	0.8	13.0	15.3	17.9	17.6	18.7	19.3
metals and scrap metal	0.2	4.6	6.7	10.0	11.6	10.6	11.7
grain cargo.	1.6	6.7	6.5	9.1	9.5	5.9	9.9
salt	0.3	0.4	0.6	0.7	0.8	0.9	0.9
fish and fish products	0.1	0.2	0.3	0.3	0.3	0.2	0.2
machinery and equipment.	0.2	1.7	2.5	3.8	3.9	4.6	4.5
chemical cargoes and mineral fertilizers.	0.2	3.6	5.5	6.3	7.2	7.7	7.6

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Indicators of the Use of Sea-Going Ships
(in all types of navigation)

	1940	1965	1970	1975	1976	1977	1978
Tankers							
Cruising speed of ships, miles a day.	211	327	333	323	323	325	323
Use of tonnage of ships, percent	49.3	54.6	59.4	59.3	60.8	57.0	59.7
Productivity per ton of carrying capacity per day of operation, ton-miles.	70.7	133.7	149.8	130.7	129.3	124.5	121.6
Dry cargo ships							
Cruising speed of ships, miles a day.	175	285	315	314	312	311	306
Use of tonnage of ships, percent	50.4	61.5	65.3	58.5	54.6	55.0	55.6
Productivity per ton of carrying capacity per day of operation, ton-miles.	25.2	81.1	91.1	82.0	76.8	78.6	79.6

Number of Workers Employed in Transportation and Labor
Productivity in Maritime Transport of the Ministry of the Maritime Fleet

	1940	1965	1970	1975	1976	1977	1978
Adjusted ton-kilometers performed, billions. . .	25.8	390	658	738	764	775	830
Average annual number of workers employed in transportation, thousands.	20.9	88.9	113	130	134	137	138
Labor productivity per worker employed in transportation, thousands of adjusted tkm. .	1235	4391	5822	5701	5700	5665	6015

Freight Turnover and Freight Transportation by the Fishing Fleet

	1970	1975	1976	1977	1978
Freight turnover, billions of tkm.	36.2	46.5	48.4	48.2	49.8
Freight transportation, millions of tons . .	8.3	10.8	11.7	11.0	10.9

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River Transport

Main Indicators of the Development of Common Carrier River Transport
(RSFSR Ministry of the River Fleet, administrations and steamship companies
of the river fleet of the union republics and the Central Asian Steamship
Company of the Ministry of the Maritime Fleet)

	1913	1940	1965	1970	1975	1976	1977	1978
Length of inland navigable waterways used by all organizations,* thousands of km.	64.6	108.9	142.7	144.5	145.4	146.4	143.1	142.6
including with marking of the lane.	39.9	101.3	127.1	131.2	134.2	134.6	134.5	134.2
of them with lighted and reflective marking**.	35.9	69.6	72.4	83.8	88.8	90.0	89.5	89.7
Length of man-made navigable waterways, thousands of km.	2.0	4.2	16.6	18.6	19.6	20.4	20.8	20.5
Freight turnover, billions of tkm	28.9	36.1	133.9	174.0	221.7	222.7	230.7	243.6
Freight hauled, millions of tons.	35.1	73.9	269.4	375.8	475.5	484.9	520.6	546.2
including:								
petroleum and petroleum products in bulk	5.4	9.6	25.0	33.5	39.0	38.1	37.4	40.3
timber and firewood in rafts	3.2	33.3	77.1	71.8	65.3	68.0	66.6	63.1
dry cargoes.	26.5	31.0	167.3	252.5	371.2	378.8	416.6	442.8
of them:								
timber and firewood in ships. . .	7.8	7.6	20.0	19.4	20.2	19.4	19.8	20.0
hard coal and coke	0.9	2.2	14.4	17.6	23.4	24.0	24.8	25.1
mineral construction materials . .	1.5	7.7	107.8	180.9	281.0	288.5	322.9	346.1
metals and scrap metal.	0.6	0.5	1.1	2.0	3.6	3.6	3.5	3.5
grain cargo.	6.1	5.2	5.6	6.8	6.0	6.6	6.3	7.3

* The length of navigable inland waterways of common carrier river transport with guaranteed depths was (thousands of km): in 1970--78.6, in 1978--82.9.

** The length of navigable inland waterways of common carrier river transport, which are serviced by automatic and reflecting electric and gas marking of the lane, was (thousands of km): in 1970--82.6, in 1978--89.3

/Table continued on following page/

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	1913	1940	1965	1970	1975	1976	1977	1978
Average distance of shipment of 1 ton of cargo, km.	823	489	497	486	466	459	443	446
Passenger turnover, billions of passenger-kilometers	1.4	3.8	4.9	5.4	6.3	6.0	5.6	5.8
Passengers carried, millions	11.5	73.4	133.9	145.2	161.4	145.3	144.3	144.5
Average length of trip of one passenger, km . .	125	52	37	37	39	42	39	40

Use of Towing and Nonpropelled Common Carrier River Fleet

	1940	1965	1970	1975	1976	1977	1978
Towing fleet							
Average running speed with loaded vessels a day, km . . .	117	184	199	210	207	208	213
Traveling time with loaded vessels as a percentage of the operating time	41.7	39.4	37.1	37.0	37.2	36.4	35.6
Nonpropelled tanker fleet							
Average running speed with a load a day, km	116	237	237	255	254	265	270
Traveling time with a load as a percentage of the operating time	39.4	32.2	31.0	32.1	32.5	30.2	28.8
Nonpropelled dry cargo fleet							
Average running speed with a load a day, km	110	199	227	235	233	234	237
Traveling time with a load as a percentage of the operating time	19.6	23.4	22.4	23.9	24.4	24.7	25.0

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Use of the Fleet, Labor Productivity and Loading and Unloading
Operations in Common Carrier River Transport

	1940	1965	1970	1975	1976	1977	1978
Productivity per hp of power of towing fleet per day of operation, tkm--in transportation of:							
petroleum cargo.	686	585	571	512	503	446	466
timber in rafts.	977	997	1025	964	992	930	939
dry cargo.	203	323	312	311	321	323	323
Productivity per ton of carrying capacity per day of operation, tkm:							
self-propelled dry cargo fleet.	37.7	107.6	110.7	121.4	123.2	125.1	126.3
nonpropelled dry cargo fleet.	13.5	41.3	46.4	51.5	53.7	53.9	55.6
self-propelled oil tank- er fleet	--	131.6	144.0	139.0	142.2	131.9	140.5
nonpropelled oil tanker fleet.	36.6	71.2	71.7	75.2	80.6	76.0	78.2
Adjusted ton-kilometers performed, billions. . . .	39.9	138.8	179.4	228.0	228.8	236.3	249.5
Average annual number of workers employed in trans- portation, thousands . . .	73.9	93.8	94.5	98.3	98.3	99.1	99.7
Labor productivity per worker employed in trans- portation, thousands of adjusted tkm	540	1480	1899	2319	2326	2385	2502
Cargo loaded and unloaded, millions of tons	22.4	250.6	403.2	662.7	683.3	752.6	805.1
Ton-operations performed, millions	28.5	302.1	464.4	709.0	726.9	801.0	855.7

Freight Turnover of Common Carrier River Transport by Union Republics
(millions of ton-kilometers)

	1940	1965	1970	1975	1976	1977	1978
USSR.	36112	133928	173984	221713	222727	230654	243653
including:							
RSFSR	34117	126132	163870	208232	208417	215042	227425
Ukrainian SSR	1084	4508	6078	8921	9365	10065	10293
Belorussian SSR	284	1241	1224	1423	1418	1663	1754
Kazakh SSR.	216	1509	2156	2419	2838	3142	3385
Lithuanian SSR.	12	64	119	157	142	159	163
Moldavian SSR	0.3	57	110	217	229	262	294
Latvian SSR	15	41	54	68	70	73	73
Central Asia Steamship Company of Ministry of the Maritime Fleet. . .	337	322	299	191	177	169	177

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Main Pipeline Transport

Petroleum and Petroleum-Product Pipelines

Years	Length (at end of the year), thousands of km	Pumping of petroleum and petroleum products, millions of tons	Freight turnover, billions of tkm
1913	1.1	0.4	0.3
1928	1.6	1.1	0.7
1932	2.9	4.8	2.9
1937	3.9	7.5	3.6
1940	4.1	7.9	3.8
1945	4.4	5.6	2.7
1946	4.4	6.0	2.9
1950	5.4	15.3	4.9
1955	10.4	51.7	14.7
1960	17.3	129.9	51.2
1965	28.2	225.7	146.7
1970	37.4	339.9	281.7
1975	56.6	498.3	665.9
1976	58.6	531.7	794.6
1977	61.9	558.9	922.4
1978	63.7	588.7	1049.1

Gas Pipelines

	1950	1965	1970	1975	1976	1977	1978
Length (at end of the year), thousands of km.	2.3	41.8	67.5	98.8	103.1	110.4	117.6
Delivery of gas (commercial), billions of m ³	1.5	112.1	181.5	279.4	309.5	334.6	351.1

Motor Transport

Main Indicators of the Development of Motor Transport of the National Economy

Years	Freight turnover, billions of tkm	Cargo hauled, billions of tons	Average distance of shipment of 1 ton of cargo, km
1913	0.1	0.01	10.0
1940	8.9	0.9	10.4
1945	5.0	0.4	12.0
1946	7.5	0.6	12.3
1950	20.1	1.9	10.8
1955	42.5	3.7	11.4
1960	98.5	8.5	11.6
1965	143.0	10.7	13.3

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Years	Freight turnover, billions of tkm	Cargo hauled, billions of tons	Average distance of shipment of 1 ton of cargo, km
1970	221	14.6	15.1
1975	338	20.9	16.2
1976	355	21.6	16.4
1977	373	22.2	16.8
1978	395	23.1	17.1

Length of Hard-Surface Roads
(at end of the year; thousands of km)

Years	All hard- surface roads	of them improved roads (with cement-asphalt surface and black top highway)
1913		
within the boundaries of the USSR prior to 17 September 1939. . . .	24.3	--
within the present boundaries of the USSR.	37.3	--
1940.	143.4	7.1
1945.	155.3	10.2
1946.	164.6	13.4
1950.	177.3	19.2
1955.	206.8	41.1
1960.	270.8	77.1
1965.	378.3	131.7
1970.	511.6	207.0
1975.	660.5	296.7
1976.	689.7	315.1
1977.	716.6	331.5
1978.	741.6	352.3

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Length of Roads by Union Republics (at end of the year; thousands of km)															
	1940			1965			1970			1975			1978		
	All roads	including hard-surface	All roads	including hard-surface	All roads	including hard-surface	All roads	including hard-surface	All roads	including hard-surface	All roads	including hard-surface	All roads	including hard-surface	
USSR.	1531.2	143.4	1362.7	378.3	1363.9	511.6	1403.0	660.5	1423.5	741.6					
RSFSR	872.9	67.8	747.4	168.1	751.7	221.5	840.3	291.4	842.5	333.6					
Ukrainian SSR	270.7	29.3	236.1	67.2	223.5	90.8	173.8	116.7	163.5	127.9					
Belorussian SSR	69.7	11.2	65.2	18.6	65.8	25.8	71.0	33.9	71.7	39.0					
Uzbek SSR	31.6	4.3	27.5	13.7	28.3	20.7	30.5	27.6	51.9	31.8					
Kazakh SSR.	106.6	1.5	109.3	24.4	110.3	41.1	96.7	58.4	97.4	66.9					
Georgian SSR.	13.6	8.1	19.5	14.7	20.9	16.4	21.5	17.7	22.0	18.5					
Azerbaijan SSR.	11.0	3.0	19.3	10.3	21.1	13.4	22.1	14.7	23.8	17.1					
Lithuanian SSR.	37.8	2.2	33.2	11.9	33.5	14.5	33.2	18.0	32.1	19.9					
Moldavian SSR	15.0	1.1	12.9	5.4	10.2	7.1	10.3	8.3	10.5	8.7					
Latvian SSR	36.0	2.6	24.0	8.1	24.2	11.1	24.2	13.5	24.3	14.9					
Kirgiz SSR.	11.5	1.2	17.8	8.4	19.6	11.4	21.3	14.2	22.3	15.2					
Tadzhik SSR	13.5	0.9	12.3	4.8	13.4	8.0	13.4	9.7	13.2	10.5					
Armenian SSR.	7.2	2.6	8.1	4.9	8.3	5.4	8.5	6.0	8.7	6.3					
Turkmen SSR	11.9	0.5	7.7	2.4	8.7	4.7	9.5	6.7	9.9	7.8					
Estonian SSR.	22.2	7.1	22.4	15.4	24.4	19.7	26.7	23.7	29.7	23.5					

The slight decrease of the length of roads for individual union republics is explained by the more efficient location of new hard-surface roads, in connection with which a number of dirt roads lost their importance.

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Freight Turnover of Motor Transport of the National Economy
by Union Republics
(millions of ton-kilometers)

	1940	1965	1970	1975	1976	1977	1978
USSR.	8896	143083	220834	337926	355128	373333	395242
RSFSR	5564	76953	116425	183697	192716	202925	216428
Ukrainian SSR	1670	27412	41636	58584	60626	63853	66917
Belorussian SSR	199	4382	8133	13642	14457	15396	16233
Uzbek SSR	148	4713	8756	13563	14411	15253	16156
Kazakh SSR.	518	12999	17946	26268	27813	28459	30148
Georgian SSR.	136	1767	2880	4263	4904	5172	5473
Azerbaijan SSR.	251	2446	3709	5581	5957	6293	6531
Lithuanian SSR.	13	1929	3444	5513	5947	6258	6515
Moldavian SSR	19	1924	3172	4945	5302	5528	5388
Latvian SSR	73	1742	2882	4424	4652	4876	5005
Kirgiz SSR.	78	1790	2926	4228	4387	4660	4716
Tadzhik SSR	71	1354	2407	3603	3835	3950	4178
Armenian SSR.	34	1205	2291	3291	3530	3604	4002
Turkmen SSR	60	1132	1882	2788	2873	3143	3593
Estonian SSR.	62	1335	2345	3536	3718	3963	3959

Freight Transportation by Motor Transport of the National Economy
by Union Republics
(millions of tons)

	1940	1965	1970	1975	1976	1977	1978
USSR.	858.6	10746.0	14622.8	20914.0	21591.1	22223.4	23123.1
RSFSR	533.3	5852.2	7852.8	11650.0	12124.6	12274.0	12854.8
Ukrainian SSR	187.2	2362.3	3058.1	4057.1	4144.1	4350.7	4435.7
Belorussian SSR	15.0	272.8	443.3	657.3	670.8	699.9	752.9
Uzbek SSR	18.0	314.8	541.3	796.8	812.7	854.3	907.9
Kazakh SSR.	27.6	812.9	1084.5	1489.1	1490.4	1563.7	1600.3
Georgian SSR.	14.3	136.3	196.5	262.7	289.5	322.3	348.4
Azerbaijan SSR.	29.0	138.2	189.2	264.1	281.5	295.9	311.3
Lithuanian SSR.	1.3	127.6	192.9	273.9	282.2	290.0	292.4
Moldavian SSR	1.5	117.7	170.0	251.7	265.9	283.8	268.9
Latvian SSR	7.1	109.5	149.4	212.2	213.7	214.3	217.7
Kirgiz SSR.	3.4	144.4	199.0	247.9	253.9	263.9	273.5
Tadzhik SSR	4.1	89.4	124.1	188.3	200.7	213.9	206.0
Armenian SSR.	4.1	113.1	171.1	228.0	233.9	251.0	260.4
Turkmen SSR	6.7	68.7	113.0	147.3	138.7	148.2	195.3
Estonian SSR.	6.0	86.1	137.6	187.6	188.5	197.5	197.6

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Operation and Use of Common Carrier Truck Transport
and the Number of Workers Employed in Transportation

	1940	1965	1970	1975	1976	1977	1978
Freight turnover, billions of tkm.	0.3	50.2	64.2	96.9	102.6	109.3	115.8
Cargo hauled, millions of tons.	15.5	3287	3810	5404	5742	5930	6177
including centrally . . .	--	1851	2788	4320	4584	4770	4973
Average distance of shipment of 1 ton of cargo, km.	17.1	15.3	16.8	17.9	17.9	18.4	18.7
Schedule speed of a truck, km/hr	11.0	20.0	20.8	22.5	22.6	23.0	23.2
Productivity of trucks per average registered truck-ton:							
tons.	635	1509	1749	2067	2099	2094	2083
thousands of tkm.	10.9	23.3	29.8	37.5	38.0	39.2	39.6
Average annual number of workers employed in transportation, thousands. . . .	...	1799	1892	2128	2194	2242	2298

Operation and Use of Common Carrier Buses

	1940	1965	1970	1975	1976	1977	1978
Passengers carried, billions.	0.6	18.7	27.3	36.5	37.9	39.2	40.4
Passenger turnover, billions of passenger-kilometers	3.4	120.5	202.5	303.6	325.3	344.5	361.5
Average daily run of operated bus, km	211	239	233	237	236	235	235
Schedule speed of bus, km/hr.	15.6	19.0	19.2	19.9	20.0	20.0	20.1
Average per seat of a bus:							
passengers	4999	6081	5713	5997	5957	5936	5899
thousands of passenger-kilometers	28.8	39.3	43.0	49.9	51.2	52.1	52.8
Average distance of trip of one passenger, km	5.7	6.5	7.4	8.3	8.6	8.8	9.0

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Transportation of Passengers by Common Carrier Buses
by Union Republics
(millions)

	1940	1965	1970	1975	1976	1977	1978
USSR.	590.0	18656.6	27343.8	36468.8	37866.6	39230.0	40375.9
RSFSR	429.1	10967.5	15053.5	20039.8	20918.4	21704.3	22402.4
Ukrainian SSR	29.4	2885.3	5060.9	7089.3	7223.2	7434.2	7581.5
Belorussian SSR	10.5	629.5	1117.0	1397.2	1434.7	1480.2	1517.1
Uzbek SSR	8.8	629.7	1042.9	1462.0	1552.5	1634.5	1720.0
Kazakh SSR.	10.3	1278.9	1926.7	2634.9	2735.4	2821.4	2875.7
Georgian SSR.	17.0	373.2	475.9	541.9	553.5	571.0	586.1
Azerbaijan SSR.	3.8	245.3	351.4	462.4	480.7	508.2	536.5
Lithuanian SSR.	30.7	389.5	569.5	675.0	689.4	704.1	707.4
Moldavian SSR.	0.5	142.3	204.2	268.6	276.8	298.3	315.5
Latvian SSR.	4.4	224.6	302.2	362.6	373.9	392.1	407.0
Kirgiz SSR.	2.9	257.6	353.9	433.8	449.1	451.8	461.5
Tadzhik SSR.	6.2	139.4	194.7	269.0	293.1	305.2	322.9
Armenian SSR.	3.3	164.3	249.3	306.6	330.0	342.0	337.5
Turkmen SSR.	17.5	137.7	170.0	213.7	237.1	256.0	275.4
Estonian SSR.	15.6	191.8	271.7	312.0	318.8	326.7	329.4

Passenger Turnover of Common Carrier Buses by Union Republics
(millions of passenger-kilometers)

	1940	1965	1970	1975	1976	1977	1978
USSR.	3412	120473	202482	303568	325289	344481	361537
RSFSR	2237	62881	100107	157254	171135	183063	193625
Ukrainian SSR	282	24077	46641	69073	72178	75223	78172
Belorussian SSR	88	4710	8434	11540	12284	12878	13435
Uzbek SSR	70	4265	7765	11504	12399	13197	14012
Kazakh SSR.	67.5	7474	12994	19650	20988	22007	22811
Georgian SSR.	118	2741	3884	4767	5041	5264	5452
Azerbaijan SSR.	53	2101	3083	4181	4358	4583	4861
Lithuanian SSR.	89	2966	4913	5922	6126	6343	6360
Moldavian SSR.	5	1186	1955	2917	3083	3286	3516
Latvian SSR.	126	2217	3284	3733	3878	4102	4256
Kirgiz SSR.	43.5	1749	2728	3744	3933	4066	4156
Tadzhik SSR.	46	867	1357	1952	2115	2287	2462
Armenian SSR.	39	980	1539	2356	2497	2623	2617
Turkmen SSR.	40	742	1188	1826	2024	2120	2283
Estonian SSR.	108	1517	2610	3149	3250	3439	3519

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Intraurban Passenger Transportation by Common Carrier Buses

	1965	1970	1975	1976	1977	1978
Number of cities and urban-type settlements having intraurban bus service.	1618	2002	2209	2239	2231	2292
Passengers carried, billions . .	14.4	20.5	26.9	27.6	28.0	27.7
Passenger turnover, billions of passenger-kilometers	57.1	97.5	149.7	156.4	158.7	153.2
Average distance of trip of one passenger, km.	4.0	4.8	5.6	5.7	5.7	5.5

Suburban Transportation of Passengers by Common Carrier Buses

	1965	1970	1975	1976	1977	1978
Passengers carried, millions. . .	3385	5401	7716	8324	9298	10603
Passenger turnover, millions of passenger-kilometers.	34.0	56.0	83.6	94.7	107.6	123.5
Average distance of trip of one passenger, km	10.1	10.4	10.8	11.4	11.6	11.6

Interurban Transportation of Passengers by Common Carrier Buses

	1965	1970	1975	1976	1977	1978
Number of interurban bus lines, thousands.	12.2	17.2	20.4	21.0	21.2	21.3
Total length of interurban bus lines, thousands of km	1399	2118	2933	3111	3135	3126
Passengers carried, millions . .	886	1474	1891	1950	1889	2049
Passenger turnover, billions of passenger-kilometers	29.4	49.0	70.3	74.2	78.2	84.9
Average distance of trip of one passenger, km.	33.1	33.2	37.2	38.0	41.4	41.4

Use of Common Carrier Passenger Taxis

	1940	1965	1970	1975	1976	1977	1978
Total run, millions of km. . . .	107	4644	7222	10995	11865	9312	8923
including paid run	89	3515	5951	9291	10097	6870	6395
Average daily run of operated passenger taxi, km	182	255	286	317	319	258	249
Passengers carried, millions . .	21	717	1144	1723	1778	1205	1104

The transportation of passengers by passenger cars of private owners was (millions): in 1940--3, in 1965--814, in 1970--1,436, in 1978--8,203.

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Urban Electric Passenger Transport

Development of Urban Electric Passenger Transport

	Before revolu- tion	1940	1965	1970	1975	1976	1977	1978
Length of routes (at end of the year), km								
Length of opera- tional separate streetcar route. .	1690	4475	7312	8261	8769	8810	8934	9058
Length of opera- tional separate trolleybus line. .	--	329	5016	8151	11209	11860	12398	12959
Length of opera- tional subway route of double- track design . . .	--	23	147	214	274	278	292	313
Rolling stock (at end of the year), thousands								
Number of passen- ger streetcars . .	4.4	11.4	20.9	22.1	20.8	20.7	20.7	20.8
Number of passen- ger trolleybuses .	--	0.8	10.2	15.8	20.3	21.3	22.0	23.0
Number of passen- ger subway cars. .	--	0.3	1.7	2.5	3.5	3.7	4.0	4.2
Passengers car- ried, millions								
Streetcars	1128	7283	8242	7962	8235	8343	8372	8384
Trolleybuses . . .	--	294	4298	6122	7963	8345	8634	8811
Subways.	--	377	1652	2294	2972	3229	3356	3515

By the end of 1978 110 cities had streetcar service and 156 had trolleybus service. Subways existed in Moscow, Leningrad, Kiev, Khar'kov, Tashkent, Tbilisi and Baku.

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Length of Operational Routes by Union Republics
(at end of the year; km)

	Length of operational			separate streetcar track		
	1940	1965	1970	1975	1977	1978
USSR.	4475	7312	8261	8769	8934	9058
RSFSR	2596	4649	5312	5702	5864	5962
Ukrainian SSR	1300	1685	1869	1986	2008	2006
Belorussian SSR	70	111	109	117	117	139
Uzbek SSR	106	136	226	244	253	248
Kazakh SSR.	35	216	234	242	219	224
Georgian SSR.	84	106	90	86	90	95
Azerbaijan SSR.	96	148	141	109	101	98
Moldavian SSR	22	--	--	--	--	--
Latvian SSR	103	138	143	146	145	149
Armenian SSR.	40	86	99	99	99	99
Estonian SSR.	23	37	38	38	38	38
	Length of operational			separate trolley-car line		
	1940	1965	1970	1975	1977	1978
USSR.	329	5016	8151	11209	12398	12959
RSFSR	274	2708	4309	5925	6617	6882
Ukrainian SSR	39	1241	2032	2660	2888	2983
Belorussian SSR	--	120	226	364	429	506
Uzbek SSR	--	126	206	410	454	470
Kazakh SSR.	--	94	211	346	369	386
Georgian SSR.	16	111	185	241	262	299
Azerbaijan SSR.	--	109	145	186	207	238
Lithuanian SSR.	--	66	144	158	185	185
Moldavian SSR	--	63	114	182	195	204
Latvian SSR	--	127	159	171	185	185
Kirgiz SSR.	--	88	109	129	149	149
Tadzhik SSR	--	41	96	129	132	133
Armenian SSR.	--	79	129	180	197	205
Turkmen SSR	--	35	55	88	88	93
Estonian SSR.	--	8	31	40	41	41
	Length of operational subway track of two-track design					
	1940	1965	1970	1975	1977	1978
USSR.	23	147	214	274	292	313
RSFSR	23	134	179	217	219	232
Ukrainian SSR	--	13	14	28	30	38
Uzbek SSR	--	--	--	--	11	11
Georgian SSR.	--	--	10	13	13	13
Azerbaijan SSR.	--	--	11	16	19	19

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Rolling Stock of Urban Electric Passenger Transport
by Union Republics
(at end of the year)

	Number of passenger streetcars					
	1940	1965	1970	1975	1977	1978
USSR.	11391	20921	22051	20766	20681	20750
RSFSR	7488	13394	14260	13508	13503	13667
Ukrainian SSR	2423	4944	5285	5171	5179	5072
Belorussian SSR	128	350	385	323	303	326
Uzbek SSR	242	496	481	419	477	462
Kazakh SSR.	60	387	404	335	310	309
Georgian SSR.	259	285	233	124	130	123
Azerbaijan SSR.	271	296	181	153	110	114
Moldavian SSR	50	--	--	--	--	--
Latvian SSR	336	384	436	407	413	412
Armenian SSR.	80	221	236	176	120	131
Estonian SSR.	54	164	150	150	136	134

	Number of passenger trolleybuses					
	1940	1965	1970	1975	1977	1978
USSR.	795	10172	15767	20289	22016	22959
RSFSR	669	5616	8274	10446	11394	11791
Ukrainian SSR	86	2509	4016	5159	5671	5932
Belorussian SSR	--	238	548	802	935	1052
Uzbek SSR	--	249	418	603	657	658
Kazakh SSR.	--	160	279	505	531	534
Georgian SSR.	40	215	295	370	340	402
Azerbaijan SSR.	--	194	221	247	260	268
Lithuanian SSR.	--	124	297	392	419	429
Moldavian SSR	--	140	288	430	484	501
Latvian SSR	--	257	354	403	392	410
Kirgiz SSR.	--	156	190	202	194	211
Tadzhik SSR	--	79	195	217	221	219
Armenian SSR.	--	191	257	344	343	366
Turkmen SSR	--	35	66	65	53	64
Estonian SSR.	--	9	69	104	122	122

	Number of subway passenger cars					
	1940	1965	1970	1975	1977	1978
USSR.	278	1691	2544	3539	3954	4155
RSFSR	278	1624	2292	3024	3284	3465
Ukrainian SSR	--	67	142	334	392	412
Uzbek SSR	--	--	--	--	75	75
Georgian SSR.	--	--	62	87	95	95
Azerbaijan SSR.	--	--	48	94	108	108

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Transportation of Passengers by Streetcars and Trolleybuses
by Union Republics
(millions)

	By streetcars					
	1940	1965	1970	1975	1977	1978
USSR.	7283.4	8241.8	7962.1	8235.4	8371.5	8384.1
RSFSR	4922.3	5399.7	5369.7	5725.0	5758.8	5775.6
Ukrainian SSR	1489.1	1913.0	1785.0	1774.8	1836.8	1822.8
Belorussian SSR	85.8	113.2	122.7	132.8	152.1	144.4
Uzbek SSR	216.5	181.5	164.3	131.3	137.1	131.0
Kazakh SSR.	45.7	109.2	86.5	91.6	96.2	108.5
Georgian SSR.	194.3	107.0	66.7	56.2	55.2	61.4
Azerbaijan SSR.	212.5	86.3	67.0	38.6	34.3	36.8
Moldavian SSR	9.6	--	--	--	--	--
Latvian SSR	43.3	198.3	175.6	178.7	191.8	198.5
Armenian SSR.	47.0	56.9	52.9	39.9	39.0	34.8
Estonian SSR.	17.3	76.7	71.7	66.5	70.2	70.3

	By trolleybuses					
	1940	1965	1970	1975	1977	1978
USSR.	293.5	4298.0	6122.2	7963.3	8634.1	8810.8
RSFSR	254.3	2470.6	3357.6	4372.8	4554.1	4666.4
Ukrainian SSR	29.5	1001.7	1536.1	2015.6	2266.8	2320.0
Belorussian SSR	--	123.5	200.3	289.6	413.8	419.7
Uzbek SSR	--	88.2	101.0	121.8	136.0	136.6
Kazakh SSR.	--	55.3	101.4	135.7	137.4	135.6
Georgian SSR.	9.7	85.3	100.1	124.2	116.6	122.0
Azerbaijan SSR.	--	51.6	57.5	68.6	78.8	78.3
Lithuanian SSR.	--	71.9	145.1	189.3	235.4	243.0
Moldavian SSR	--	77.0	133.7	174.4	189.9	186.1
Latvian SSR	--	124.4	147.2	173.5	204.7	207.8
Kirgiz SSR.	--	54.1	67.5	66.7	57.6	64.2
Tadzhik SSR	--	35.9	55.9	83.0	88.8	87.6
Armenian SSR.	--	44.8	69.7	82.2	79.6	70.7
Turkmen SSR	--	11.2	29.3	27.2	29.3	23.6
Estonian SSR.	--	2.5	19.8	38.7	45.3	49.2

Transportation of Passengers by Subway by Union Republics
(millions)

	1940	1965	1970	1975	1977	1978
USSR.	377.1	1652.4	2294.4	2972.0	3355.6	3515.0
RSFSR	377.1	1592.0	2046.5	2520.4	2768.1	2839.0
Moscow.	377.1	1328.7	1628.1	1966.4	2131.9	2173.1
Leningrad	--	263.3	418.4	554.0	636.2	665.9

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	1940	1965	1970	1975	1977	1978
Ukrainian SSR.	--	60.4	126.8	236.3	340.0	367.2
Kiev	--	60.4	126.8	204.4	231.8	237.2
Khar'kov	--	--	--	31.9	108.2	130.0
Uzbek SSR (Tashkent)	--	--	--	--	7.6	51.5
Georgian SSR (Tbilisi) . . .	--	--	74.4	110.5	118.0	119.9
Azerbaijan SSR (Baku). . . .	--	--	46.7	104.8	121.9	137.4

Air Transport

Main Indicators of the Development of Air Transport
of the Ministry of Civil Aviation

	1940	1965	1970	1975	1976	1977	1978
Total length of air routes (excluding overlapping sections), thousands of km	146	481	773	827	860	896	908
including length of routes within the ter- ritory of the USSR. . .	144	435	596	645	652	688	700
of them union air routes	51	158	254	285	287	289	292
Freight turnover (includ- ing mail), millions of tkm	23.2	1338	1877	2590	2710	2802	2859
Freight and mail carried, thousands of tons	58.4	1228	1844	2472	2603	2711	2847
Passenger turnover, bil- lions of passenger- kilometers.	0.2	38.1	78.2	122.6	130.8	127.5	140.1
Passengers carried, mil- lions	0.4	42.1	71.4	98.1	100.9	92.9	97.8
Volume of aviation chemi- cal work in agriculture and forestry, millions of hectares	0.9	55.0	83.3	84.9	84.8	88.9	95.6

The utilization ratio of the carrying capacity of aircraft in 1965 was 74.8 percent, in 1970--76.5 percent, in 1978--81.9 percent; the utilization ratio of passenger seats in 1965 was 69.1 percent, in 1970--74.9 percent, in 1978--80.3 percent.

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Main Indicators of Development of Air Transport in International Traffic

	1965	1970	1975	1976	1977	1978
Freight turnover (including mail), millions of tkm.	50.1	97.3	231.3	253.6	265.7	276.2
Freight and mail carried, thousands of tons	13.2	28.3	56.6	65.0	60.5	60.7
Passenger turnover, billions of passenger-kilometers.	1.1	2.7	6.9	7.1	7.8	8.6
Passengers carried, millions.	0.3	0.9	2.1	2.1	2.2	2.4

Volume of Aviation Chemical Work in Agriculture and Forestry
by Union Republics
(millions of hectares)

	1965	1970	1975	1976	1977	1978
USSR.	55.04	83.28	84.88	84.81	88.90	95.65
RSFSR	23.35	37.92	38.91	38.29	41.27	43.59
Ukrainian SSR	12.33	15.98	16.71	16.54	16.91	18.51
Belorussian SSR	1.12	1.75	2.82	2.96	3.32	3.64
Uzbek SSR	3.42	4.41	4.49	4.98	5.48	5.50
Kazakh SSR.	8.35	14.37	12.35	12.55	11.55	13.33
Georgian SSR.	0.54	0.64	0.45	0.39	0.43	0.47
Azerbaijan SSR.	2.00	2.58	3.69	3.50	3.86	3.85
Lithuanian SSR.	0.21	0.49	0.48	0.67	0.70	1.08
Moldavian SSR	0.66	1.11	0.86	0.80	0.87	0.96
Latvian SSR	0.15	0.23	0.49	0.62	0.66	0.83
Kirgiz SSR.	0.68	0.97	0.92	1.05	1.13	1.16
Tadzhik SSR	1.27	1.54	1.40	1.22	1.51	1.28
Armenian SSR.	0.37	0.19	0.24	0.15	0.23	0.19
Turkmen SSR	0.53	0.96	0.94	0.96	0.85	1.11
Estonian SSR.	0.06	0.14	0.13	0.13	0.13	0.15

Communications

Main Indicators of Development of Communications

	1913	1940	1965	1970	1975	1976	1977	1978
Number of postal, telegraph and telephone enterprises (at end of the year), thousands	11	51	72	81	88	88	89	90
including in rural areas. .	3.4	44	54	60	63	63	63	63
Mail carried by air transport, thousands of tons	--	12.1	263	324	375	386	391	403

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	1913	1940	1965	1970	1975	1976	1977	1978
Production of communications, billions of rubles. . .	--	0.6	2.0	3.3	4.8	5.1	5.4	5.8
Sent:								
letters, billions.	1.0	2.6	5.2	8.0	9.0	9.0	9.2	9.3
newspapers and magazines, billions.	0.4	6.7	22.6	33.2	41.1	41.7	42.0	42.1
parcels, millions.	20	45	128	176	215	229	236	239
money orders and retirement payments, millions.	42	99	494	655	724	732	738	746
telegrams, millions.	42	141	273	365	443	458	477	491
Number of long-distance telephone calls, millions. . .	7	92	257	431	768	868	960	1061
Number of telephones in general telephone system (at end of the year), thousands . . .	301	1729	6399	10987	17167	18422	19638	20944*
including:								
in urban telephone system . . .	301	1548	5490	9504	14694	15712	16690	17752
in rural telephone system . . .	--	181	909	1483	2473	2710	2948	3192
Of the total number of telephones, automatic ones, thousands.	--	414	4450	9471	16050	17385	18700	20122
including:								
in urban telephone system . . .	--	414	4110	8473	13912	14983	16034	17180
in rural telephone system . . .	--	--	340	998	2138	2402	2666	2942
Percent of sovkhoses and kolkhoses having interworks telephone communications:								
sovkhoses.	--	--	68	79	84	83	85	87
kolkhoses.	--	--	32	51	76	81	85	88

*The total number of telephones was 25.6 million.

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	1913	1940	1965	1970	1975	1976	1977	1978
Number of program television stations and relay television stations (at end of the year).	--	2	653	1233	1957	2116	2259	2504
including program television stations	--	2	120	128	130	121	119	117
Number of receiving spots (at end of the year), millions.	--	7.0	89.5	129.6	177.7	185.5	193.4	201.2
radio receivers.	--	1.1	38.2	48.6	59.8	61.5	63.3	64.7
televisions.	--	400 units	15.7	34.8	55.2	57.6	59.9	62.5
radio relay spots.	--	5.9	35.6	46.2	62.7	66.4	70.2	74.0

At present nearly all rural soviets, sovkhozes and kolkhozes have a telephone system.

Number Postal, Telegraph and Telephone Enterprises
by Union Republics

	1940	1965	1970	1975	1976	1977	1978
USSR.	51353	72179	81435	87579	88418	89073	89632
RSFSR	32278	42483	46057	48413	48711	48901	49031
Ukrainian SSR	8370	11667	14114	15790	16001	16220	16382
Belorussian SSR	2163	3259	3735	4279	4346	4423	4475
Uzbek SSR	752	2297	2974	3264	3334	3387	3532
Kazakh SSR.	2252	4137	4667	5078	5156	5230	5289
Georgian SSR.	663	1226	1430	1624	1660	1686	1704
Azerbaijan SSR.	524	1098	1555	1751	1786	1814	1827
Lithuanian SSR.	716	1150	1161	1190	1184	1141	1114
Moldavian SSR	293	1008	1252	1353	1362	1370	1372
Latvian SSR	1566	1128	1167	1177	1178	1176	1175
Kirgiz SSR.	352	682	887	986	991	987	986
Tadzhik SSR	263	482	650	750	760	765	769
Armenian SSR.	242	469	621	742	764	785	793
Turkmen SSR	247	412	476	524	531	534	538
Estonian SSR.	672	681	689	658	654	654	645

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Number of Receiving Spots (Radio Receivers, Televisions
and Radio Relay Spots) by Union Republics
(thousands)

	1940	1965	1970	1975	1976	1977	1978
USSR.	6976	89559	129604	177658	185549	193454	201199
RSFSR	4641	54294	77590	106162	110992	115929	120620
Ukrainian SSR . . .	1303	17724	25591	34574	36065	37534	38995
Belorussian SSR . .	191	2688	4507	6483	6769	7021	7294
Uzbek SSR	72	2822	4066	5495	5676	5851	6026
Kazakh SSR.	151	3765	5609	8189	8657	9090	9560
Georgian SSR. . . .	67	1295	1748	2257	2349	2446	2554
Azerbaijan SSR. . .	64	1241	1701	2224	2296	2385	2491
Lithuanian SSR. . .	96	841	1341	1883	1947	2013	2074
Moldavian SSR . . .	18	1014	1611	2315	2433	2534	2643
Latvian SSR	167	1030	1491	1858	1885	1924	1945
Kirgiz SSR.	24	606	952	1390	1453	1516	1588
Tadzhik SSR	17	560	873	1255	1299	1346	1406
Armenian SSR. . . .	38	586	866	1247	1307	1366	1424
Turkmen SSR	28	481	780	1179	1240	1283	1332
Estonian SSR. . . .	99	612	878	1147	1181	1216	1247

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CAPITAL CONSTRUCTION

Placement of Fixed Capital Into Operation
(in comparable prices*; billions of rubles)

	All fixed capital placed into operation by state and cooperative enter- prises and organizations, kolkhozes and the public	including by state and cooperative en- terprises and organ- izations
Total for 1918-1978. . .	1691.4	1475.9
1918-1928 (excluding fourth quarter of 1928)	3.9	1.5
First Five-Year Plan (1929-1932, including fourth quarter of 1928).	9.3	8.5
Second Five-Year Plan (1933-1937).	17.2	15.5
Three and a half years of Third Five-Year Plan (1938-first half of 1941)	18.3	15.7
Four and a half years (1 July 1941 to 1 Janu- ary 1946).	18.9	15.6
Fourth Five-Year Plan (1946-1950).	42.2	34.7
Fifth Five-Year Plan (1951-1955).	79.9	67.2
Sixth Five-Year Plan (1956-1960).	155.8	128.5

* Here and in all the tables on capital construction the estimate prices on 1 January 1969 with allowance made for the new wholesale prices for equipment, which were put into effect on 1 January 1973, and the decreasing coefficients for construction and installation work, which were introduced on 1 January 1976, are used as the comparable prices.

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	All fixed capital placed into operation by state and cooperative enter- prises and organizations, kolkhozes and the public	including by state and cooperative en- terprises and organ- izations
Seventh Five-Year Plan (1961-1965).	228.4	199.6
including 1965	51.4	45.3
Eighth Five-Year Plan (1966-1970).	319.0	280.1
including 1970	76.4	67.7
Ninth Five-Year Plan (1971-1975).	460.8	407.8
including 1975	105.6	93.7
Three years of 10th Five- Year Plan (1976-1978). . .	337.7	301.2
1976	107.1	95.4
1977	110.5	98.3
1978	120.1	107.5

Placement of Fixed Capital Into Operation by Union Republics
(in comparable prices; millions of rubles)

							1978	
	1940	1965	1970	1975	1976	1977	Total placed into operation	including by state and cooperative enterprises and organizations
USSR*.	5901	51404	76418	105577	107073	110565	120088	107504
RSFSR.	4050	30557	44840	63842	65678	67290	73297	67297
Ukrainian SSR.	831	8660	12714	16781	16539	16826	18564	15327
Belorussian SSR.	174	1430	2623	3496	3468	3806	4129	3525
Uzbek SSR.	147	1771	2790	3909	3990	4512	4589	4021
Kazakh SSR.	243	3833	5232	6513	6204	6651	7198	6873

* The data on the placement into operation of fixed capital, which is partially not broken down by the republics, are cited in the total for the USSR.

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							1978	
	1940	1965	1970	1975	1976	1977	Total placed into operation	Including by state and cooperative enterprises and organizations
Georgian SSR.	118	685	960	1252	1331	1375	1836	1662
Azerbaijan SSR.	137	651	1043	1368	1567	1430	1538	1391
Lithuanian SSR.	2	648	1096	1535	1471	1583	1532	1186
Moldavian SSR.	8	529	942	1296	1319	1461	1391	1015
Latvian SSR.	10	560	856	1253	1249	1206	1164	1000
Kirgiz SSR.	35	430	670	994	816	866	916	765
Tadzhik SSR.	33	417	577	784	778	779	943	789
Armenian SSR.	50	429	766	756	1006	1008	966	911
Turkmen SSR.	38	423	699	1070	943	1003	1058	888
Estonian SSR.	25	373	556	684	626	688	724	611

Placement Into Operation of Most Important Production Capacities
by Means of Construction of New Enterprises, Expansion and Renovation
of Operating Enterprises

	1966-1970		1971-1975		1976	1977	1978
	Aver-		Aver-				
	Total age a		Total age a				
	year		year				
Electric power stations, millions of kW.	54.6	10.9	58.1	11.6	11.9	10.1	8.2
Capacities for mining:							
coal, millions of tons							
a year.	95.1	19.0	114.2	22.8	12.5	17.4	26.0
iron ore, millions of							
tons a year	120.5	24.1	131.5	26.3	46.4	8.3	19.8
Capacities of coal concen-							
trating factories, mil-							
lions of tons a year. . . .	59.4	11.9	34.4	6.9	3.0	--	8.1

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	1966-1970		1971-1975		1976	1977	1978
	Total	Aver- age a year	Total	Aver- age a year			
Capacities for the pro- duction of:							
pig iron, millions of tons a year	9.7	1.9	12.9	2.6	2.3	0.6	2.2
steel, millions of tons a year	18.1	3.6	10.9	2.2	1.2	6.0	2.9
rolled ferrous metals (finished), millions of tons a year	14.3	2.9	12.2	2.4	4.0	1.5	1.1
steel pipe, thousands of tons a year	2469	494	2383	477	340	708	433
mineral fertilizers (in conventional units), millions of tons a year	33.2	6.6	38.0	7.6	7.3	4.0	2.2
sulfuric acid, millions of tons a year	4.2	0.8	8.6	1.7	2.6	1.1	2.1
soda ash, thousands of tons a year	1221	244	1038	208	246	4	105
chemical fibers and filaments, thousands of tons a year	151.2	30.2	349.4	69.9	31.1	87.1	29.9
synthetic resins and plastics, thousands of tons a year	706	141	981	196	308	102	209
lacquers and paints, thousands of tons a year	270.6	54.1	505.0	101.0	46.4	91.0	62.0
motor vehicle tires, millions a year	8.3	1.7	12.9	2.6	3.9	0.2	4.6
turbines, thousands of kW a year	4257	851	5600	1120	399	510	411
power transformers, millions of kVA a year	28.2	5.6	20.6	4.1	1.6	0.5	3.0
excavators, thousands a year	5.2	1.0	6.7	1.3	--	9.2	2.2
machine tools, thou- sands a year	21.5	4.3	25.4	5.1	4.0	2.4	2.4
forge and press machinery, thousands of units a year	8.1	1.6	7.9	1.6	3.2	1.3	3.7
motor vehicles (includ- ing buses), thousands a year	423.9	84.8	973.9	194.8	92.4	47.3	40.8

/Table continued on following page/

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	1966-1970		1971-1975		1976	1977	1978
	Total	Average a year	Total	Average a year			
roller bearings, millions a year.	179.5	35.9	208.4	41.7	32.6	28.5	39.0
tractors, thousands a year.	121.0	24.2	79.6	15.9	26.7	39.3	21.3
grain harvesting combines, thousands a year.	12.0	2.4	22.5	4.5	6.2	7.1	10.6
lumber, millions of m ³ a year.	4.6	0.9	5.3	1.1	0.7	1.3	1.1
pulp, millions of tons a year.	2.2	0.4	2.1	0.4	0.2	--	0.3
paper, thousands of tons a year.	502	100	509	102	2	2	131
cardboard, thousands of tons a year.	1359	272	803	161	171	84	19
cement, millions of tons a year.	17.4	3.5	20.7	4.1	1.2	4.1	4.1
asbestos cement shingle, millions of conventional tiles a year.	1362	272	1264	253	97	30	38
window glass, millions of m ² a year.	27.6	5.5	34.3	6.9	--	6.7	14.4
precast reinforced concrete components and parts, millions of m ³ of items a year	24.2	4.8	29.4	5.9	4.8	5.0	5.0
Installed:							
spinning spindles, millions.	3.1	0.6	2.2	0.4	0.3	0.6	0.4
looms, thousands.	47.6	9.5	41.6	8.3	0.7	3.7	5.7
Capacities for the production of:							
hosiery and socks, millions of pair a year.	294.1	58.8	32.6	6.5	--	--	20
knitted underwear and outerwear, millions of units a year.	410.3	82.1	162.5	32.5	2.3	1.8	8.8
leather shoes, millions of pair a year.	149.0	29.8	67.4	13.5	2.8	3.1	6.3
pottery and earthenware, millions of units a year.	176.5	35.3	487.2	97.4	35.0	53.1	83

/Table continued on following page/

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	1966-1970		1971-1975		1976	1977	1978
	Total	Average a year	Total	Average a year			
granulated sugar, thousands of tons of processing of beets a day	682	136	861	172	92	182	153
meat, thousands of tons a shift	2.2	0.4	4.1	0.8	1.1	0.5	0.6
whole milk products, thousands of tons of milk a shift	12.4	2.5	12.3	2.5	1.1	2.0	2.6
cheese, thousands of tons a shift	312.6	62.5	260.9	52.2	12.5	9.9	15.9
vegetable oil, thousands of tons of processing of oil-bearing seeds a day by the extraction method	4.4	0.9	2.8	0.6	0.3	1.3	0.2
Built:							
main gas pipelines and branches from them, thousands of km. . . .	25.5	5.1	33.7	6.7	4.7	5.2	6.2
main petroleum pipelines and petroleum-product pipelines, thousands of km. . . .	10.1	2.0	22.6	4.5	2.6	4.1	2.2
new rail lines, thousands of km.	3.8	0.8	3.6	0.7	0.3	1.0	0.7
hard-surface roads, thousands of km. . . .	78.9	15.8	93.2	18.6	17.8	17.2	16.6
Railroads electrified, thousands of km.	8.7	1.7	4.8	1.0	0.7	0.8	0.5
Railroads equipped with automatic blocking and centralized traffic control, thousands of km. .	10.0	2.0	14.7	2.9	2.9	3.1	3.3
Elevators, millions of tons	8.7	1.7	16.6	3.3	4.3	4.3	4.2
Granaries and grain seed storages, millions of tons	48.2	9.6	30.4	6.1	6.7	6.2	6.7
Irrigated land, millions of hectares.	1.8	0.4	4.6	0.9	0.8	0.9	0.8
Reclaimed land, millions of hectares.	3.9	0.8	4.4	0.9	0.7	0.8	0.7
Irrigated pastures, millions of hectares. . . .	33.8	6.8	44.2	8.8	8.7	7.7	7.1

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Along with the placement of production capacities into operation by means of the expansion and renovation of operating enterprises and the construction of new enterprises, the capacities at operating enterprises were increased by means of retooling and the implementation of organizational and technical measures. By means of this in 1978 the capacities for the production of steel were increased by 0.7 million tons, rolled ferrous metals--by 0.4 millions tons, machine tools--by 4,000 units, tractors--by 2,300, cement--by 0.4 million tons.

In three years (1976-1978) 750 major industrial enterprises were built, of them 230 were put into operation in 1978. A large number of new shops and works were put into operation at enterprises which were being expanded and renovated. Many apartment houses, schools, hospitals and other facilities for cultural and personal purposes were built.

Placement of Irrigated and Reclaimed Land and Irrigated Pastures
Into Use at the Expense of the State and Kolkhozes
by Union Republics in 1978
(thousands of hectares)

	Irrigated land*	Reclaimed land*	Irrigated pastures
USSR.	775	680	7145
RSFSR	341	247	1321
Ukrainian SSR	123	144	--
Belorussian SSR	21	122	--
Uzbek SSR	94	--	314
Kazakh SSR.	91	--	4422
Georgian SSR.	15	4	2
Azerbaijan SSR.	12	--	91
Lithuanian SSR.	3	100	--
Moldavian SSR	18	2	--
Latvian SSR	2	42	--
Kirgiz SSR.	14	--	85
Tadzhik SSR	12	--	12
Armenian SSR.	5	--	13
Turkmen SSR	23	--	885
Estonian SSR.	1	19	--

* The data on the placement of irrigated and reclaimed land into use differ from the data on the increase of this land (see pages 226-228, 231, 232) due to the transfer of some of the irrigated and reclaimed land to the category of unreclaimed land and for other reasons.

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Placement of Poultry Factories and Livestock Facilities Into Operation
at the Expense of the State and Kolkhozes

	1970	1971-1975		1975	1976	1977	1978
		Total	Average a year				
Poultry factories:							
for egg production, mil-							
lions of laying hens. .	5.3	50.5	10.1	10.3	8.9	8.5	8.2
for meat production,							
millions of birds a							
year.	17.1	109.8	22.0	25.6	36.9	64.2	77.0
Livestock facilities (in-							
cluding mechanized farms							
and complexes), millions							
of animal places:							
for cattle.	3.9	22.9	4.6	4.8	4.6	4.6	4.2
for hogs.	5.0	22.3	4.5	3.5	2.4	2.6	2.7
for sheep	6.5	32.4	6.5	6.2	5.3	5.1	5.0

In 1971-1978 state livestock complexes for the raising and fattening of 4.8 million hogs and for the raising and fattening of 271,000 head of young cattle were put into operation.

Capital Investments
(in comparable prices; billions of rubles)

	All capital invest- ments	including		
		of state and cooper- ative enterprises and organizations	of kolkhozes	of the population for the construction of their own resi- dences and apart- ments
Total for 1918-1978.	1833.4	1606.6	167.9	58.9
1918-1928 (excluding fourth quarter of 1928)	4.4	2.0	0.03	2.4
First Five-Year Plan	8.8	8.0	0.4	0.4
Second Five-Year Plan.	19.7	17.9	1.2	0.6
Three and a half years of Third Five- Year Plan.	20.4	17.6	1.6	1.2
From 1 July 1941 to 1 January 1946	20.5	17.0	1.8	1.7

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	All capital investments	inc-uding		
		of state and cooper- ative enterprises and organizations	of kolkhozes	of the population for the construction of their own residences and apartments
Fourth Five-Year Plan.	47.4	39.8	3.7	3.9
Fifth Five-Year Plan	89.8	76.6	7.9	5.3
Sixth Five-Year Plan	168.0	139.9	16.1	12.0
Seventh Five-Year Plan	243.5	213.3	20.6	9.6
including 1965	56.0	49.4	4.9	1.7
Eighth Five-Year Plan.	347.9	306.3	33.4	8.2
including 1970	80.6	71.4	7.6	1.6
Ninth Five-Year Plan	493.0	437.2	47.3	8.5
including 1975	112.9	100.4	10.7	1.8
Three years of the 10th Five-Year Plan . . .	370.0	331.0	33.9	5.1
1976	118.0	105.3	11.0	1.7
1977	122.3	109.3	11.3	1.7
1978	129.7	116.4	11.6	1.7

In conformity with the prevailing procedure of planning, the expenditures on geological prospecting, which is not connected with construction, on the drafting of plans of the layout and development of cities and urban-type settlements, on the drafting of standard plans for construction, on the planting of forests and forest belts, on the acquisition and formation of the main herd and the expenditures on the acquisition of equipment for operating state institutions, schools, hospitals and preschool institutions are not included in the amount of capital investments. With allowance made for the above-enumerated expenditures the capital investments in the national economy for 1918-1978 were approximately 2,023,000,000,000 rubles.

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Structure of Capital Investments
(in comparable prices)

	including				
	All capital investments	construction and installation work	equipment, tools and implements	planning and surveying work	other capital operations and expenditures
Billions of rubles					
Total for 1918-1978.	1833.4	1154.6	541.0	30.2	107.6
1918-1928 (excluding fourth quarter of 1928)	4.4	4.0	0.3	--	0.1
First Five-Year Plan	8.8	7.6	0.8	0.2	0.2
Second Five-Year Plan.	19.7	16.3	2.4	0.3	0.7
Three and a half years of the Third Five-Year Plan	20.4	16.7	2.7	0.4	0.6
From 1 July 1941 to 1 January 1946 . .	20.5	16.8	2.6	0.3	0.8
Fourth Five-Year Plan.	47.4	38.9	10.8	0.6	2.1
Fifth Five-Year Plan	89.8	62.8	20.7	1.0	5.3
Sixth Five-Year Plan	168.0	115.8	42.7	1.8	7.7
Seventh Five-Year Plan	243.5	158.4	70.4	3.2	11.5
including 1965	56.0	35.5	16.9	0.7	2.9
Eighth Five-Year Plan.	347.9	218.0	103.9	5.5	20.5
including 1970	80.6	49.9	24.4	1.5	4.8
Ninth Five-Year Plan	493.0	299.4	153.4	9.6	30.6
including 1975	112.9	66.2	37.1	2.3	7.3
Three years of the 10th Five-Year Plan	370.0	204.9	130.3	7.3	27.5
1976	118.0	67.0	40.7	2.3	8.0
1977	122.3	68.4	43.0	2.5	8.4
1978	129.7	69.5	46.6	2.5	11.1
Percent of total					
1918-1928 (excluding fourth quarter of 1928)	100	92	7	--	1
First Five-Year Plan	100	86	10	1	3
Second Five-Year Plan.	100	83	12	1	4
Three and a half years of the Third Five-Year Plan	100	82	13	2	3
From 1 July 1941 to 1 January 1946 . .	100	82	13	1	4
Fourth Five-Year Plan.	100	71	23	1	5
Fifth Five-Year Plan	100	70	23	1	6
Sixth Five-Year Plan	100	69	25	1	5

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		including			
	All capital investments	construction and installation work	equipment, tools and implements	planning and surveying work	other capital operations and expenditures
Seventh Five-Year Plan.	100	65	29	1	5
including 1965.	100	63	30	1	6
Eighth Five-Year Plan	100	63	30	2	5
including 1970.	100	62	30	2	6
Ninth Five-Year Plan.	100	61	31	2	6
including 1975.	100	59	33	2	6
Three years of the 10th Five-Year Plan.	100	56	35	2	7
1976.	100	57	34	2	7
1977.	100	56	35	2	7
1978.	100	54	36	2	8

Structure of Capital Investments of State and Cooperative
Enterprises and Organizations (Excluding Kolkhozes)
on Production Facilities
(percent)

		including		
	All capital investments	construction and installation work	equipment, tools and implements	other capital operations and expenditures
1918-1928 (excluding fourth quarter of 1928).	100	75	22	3
First Five-Year Plan.	100	83	12	5
Second Five-Year Plan	100	77	17	6
Three and a half years of the Third Five-Year Plan	100	75	19	6
From 1 July 1941 to 1 January 1946.	100	76	17	7
Fourth Five-Year Plan	100	59	34	7

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	All capital invest- ments	including		
		construction and installation work	equipment, tools and implements	other capital operations and expenditures
Fifth Five-Year Plan.	100	58	33	9
Sixth Five-Year Plan.	100	55	38	7
Seventh Five-Year Plan.	100	53	39	8
including 1965.	100	52	40	8
Eighth Five-Year Plan.	100	51	40	9
including 1970.	100	50	40	10
Ninth Five-Year Plan.	100	50	40	10
including 1975.	100	48	42	10
Three years of the 10th Five-Year Plan.	100	45	45	10
1976.	100	46	44	10
1977.	100	45	45	10
1978.	100	44	46	10

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Capital Investments by Sectors of the National Economy*
(in comparable prices)

	Total for 1918-1978	1918-1928 (exclud- ing fourth quar- ter of 1928)	First Five-Year Plan	Second Five-Year Plan	Three and a half years of Third Five-Year Plan	From 1 July 1941 to 1 January 1946	Fourth Five-Year Plan	Fifth Five-Year Plan
Capital investments in national economy--total, billions of rubles.	1833.4	4.4	8.8	19.7	20.4	20.5	47.4	89.8
including by sectors, mil- lions of rubles:								
industry--total	657263	739	3309	7352	7008	8813	18321	36786
group A	567613	508	2760	6007	5814	8117	15843	32783
group B	89650	231	549	1345	1194	696	2478	4003
agriculture	321836	137	1357	2331	2195	1923	5617	12754
transportation and communica- tions	198501	490	1547	4210	3867	3323	6088	8678
including rail transport. . .	61541	389	887	2074	2174	2379	3649	4404
construction.	61736	7	96	149	223	400	1358	2734
housing management (construc- tion, including individual) . .	311001	2835	1346	2516	3470	3073	9206	17794
construction of trade and municipal enterprises, enter- prises of forestry and log- ging, institutions of science, culture, art, public educa- tion, public health	283099	199	1063	3122	3630	2995	6898	11056
including construction of institutions of science, culture, art, public education	96262	30	226	938	863	392	1596	3442

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	Sixth Five-Year Plan	Seventh Five-Year Plan	Eighth Five-Year Plan	Ninth Five-Year Plan	1976	1977	1978
Capital investments in national economy--total, billions of rubles.	168.0	243.5	347.9	493.0	118.0	122.3	129.7
including by sectors, millions of rubles:							
industry--total	60031	88841	122494	172487	41594	43454	46034
group A	51167	77104	103967	148680	36181	38148	40534
group B	8864	11737	18527	23807	5413	5306	5500
agriculture	23984	37765	59670	99142	24266	24908	25787
transportation and communications	15410	24674	33501	53259	13323	13891	16240
including rail transport.	5687	7780	9442	12882	3079	3190	3525
construction.	5194	6611	11804	18722	4990	4652	4796
housing management (construction, including individual)	39454	45218	59696	75354	16504	17013	17522
construction of trade and municipal enterprises, enterprises of forestry and logging, institutions of science, culture, art, public education, public health	23940	40391	60770	74067	17293	18369	19306
including construction of institutions of science, culture, art, public education	8253	14979	20779	25618	6143	6361	6642

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	1918-1978 Total for	1918-1928 (ex- cluding fourth quarter of 1928)	First Five- Year Plan	Second Five- Year Plan	Three and a half years of the Third Five-Year Plan	From 1 July 1941 to 1 Jan- uary 1946	Fourth Five- Year Plan	Fifth Five- Year Plan
Capital investments in national economy--total, percent.	100	100	100	100	100	100	100	100
including by sectors:								
industry--total.	35.8	16.8	38.0	37.3	34.4	42.9	38.6	41.0
group A.	30.9	11.5	31.7	30.5	28.5	39.5	33.4	36.5
group B.	4.9	5.3	6.3	6.8	5.9	3.4	5.2	4.5
agriculture.	17.6	3.1	15.6	11.8	10.8	9.4	11.8	14.2
transportation and communications.	10.8	11.1	17.7	21.4	18.9	16.2	12.8	9.7
including rail transport	3.4	8.8	10.2	10.5	10.7	11.6	7.7	4.9
construction	3.4	0.2	1.1	0.8	1.1	1.9	2.9	3.0
housing management (construction, including individual).	17.0	64.3	15.4	12.8	17.0	15.0	19.4	19.8
construction of trade and municipal enterprises, enterprises of forestry and logging, institutions of science, culture, art, public education, public health.	15.4	4.5	12.2	15.9	17.8	14.6	14.5	12.3
including construction of institu- tions of science, culture, art, public education	5.3	0.7	2.6	4.8	4.2	1.9	3.4	3.8

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	Sixth Five-Year Plan	Seventh Five-Year Plan	Eight Five-Year Plan	Ninth Five-Year Plan	1976	1977	1978
Capital investment in national economy--total, percent	100	100	100	100	100	100	100
including by sectors:							
industry--total.	35.7	36.5	35.2	35.0	35.3	35.5	35.5
group A.	30.4	31.7	29.9	30.2	30.7	31.2	31.2
group B.	5.3	4.8	5.3	4.8	4.6	4.3	4.3
agriculture.	14.3	15.5	17.2	20.1	20.6	20.4	19.9
transportation and communications.	9.2	10.1	9.6	10.8	11.3	11.4	12.5
including rail transport	3.4	3.2	2.7	2.6	2.6	2.6	2.7
construction	3.1	2.7	3.4	3.8	4.2	3.8	3.7
housing management (construction, including individual).	23.5	18.6	17.2	15.3	14.0	13.9	13.5
construction of trade and municipal enterprises, enterprises of forestry and logging, institutions of science, culture, art, public education, public health.	14.2	16.6	17.4	15.0	14.6	15.0	14.9
including construction of institutions of science, culture, art, public education	4.9	6.2	6.0	5.2	5.2	5.2	5.1

* In this table the capital investments by sectors: industry, agriculture, transportation and communications, construction, forestry, logging and trade are shown only for production facilities. The capital investments in housing, municipal, cultural, general and other production construction are not included in these sectors and are shown in the corresponding sectors.

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Capital Investments of State and Cooperative Enterprises
and Organizations (Excluding Kolkhozes) by Individual
Sectors of Industry
(in comparable prices)

	1966- 1970	1971- 1975	1976	1977	1978
Millions of rubles					
Industry--total*	119682	168655	40612	42563	45240
including by sectors:					
electric power.	13631	16999	3775	3596	3890
coal industry	7241	8340	1747	1848	2035
petroleum industry.	11064	15981	4066	4503	5270
gas industry.	4457	7290	1835	2031	2210
ferrous metallurgy.	9927	12901	2907	3059	3030
chemical and petrochemical industry.	10993	15616	3972	4480	5320
machine building and metalworking timber and wood processing industry.	22445	37723	10053	10568	11110
pulp and paper industry	3973	5357	1168	1218	1190
construction materials industry	1759	2358	623	718	715
light industry.	6308	8455	1664	1887	1800
food industry	5279	7032	1747	1679	1690
	9313	11571	2668	2583	2625
Percent of total					
Industry--total	100	100	100	100	100
including by sectors:					
electric power.	11.4	10.1	9.3	8.4	8.6
coal industry	6.1	4.9	4.3	4.3	4.5
petroleum industry.	9.2	9.5	10.0	10.6	11.6
gas industry.	3.7	4.3	4.5	4.8	4.9
ferrous metallurgy.	8.3	7.6	7.2	7.2	6.7
chemical and petrochemical industry.	9.2	9.3	9.8	10.5	11.8
machine building and metalworking timber and wood processing industry.	18.8	22.4	24.8	24.8	24.6
pulp and paper industry	3.3	3.2	2.9	2.9	2.6
construction materials industry	1.5	1.4	1.5	1.7	1.6
light industry.	5.3	5.0	4.1	4.4	4.0
food industry	4.4	4.2	4.3	3.9	3.7
	7.8	6.9	6.6	6.1	5.8

* See pages 327-330 for the capital investments with allowance made for the expenditures of kolkhozes on the construction of industrial enterprises.

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Proportion of Capital Investments in Renovation, Expansion
and Retooling of Operating Enterprises in Total Amount of State
Capital Investments by Sectors of Industry
(percent)

	1975	1976	1977	1978
Total for production facilities*.	68	68	69	68
including by sectors of industry:				
electric power.	32	33	38	32
coal industry	78	81	77	74
ferrous metallurgy.	73	75	82	81
chemical and petrochemical industry	63	63	65	64
machine building and metalworking	71	74	76	77
timber, wood processing and pulp and paper industry.	75	74	72	74
construction materials industry	64	66	67	69
light industry.	64	68	68	71
food industry	72	73	73	73

* Including the capital investments in the maintenance of operating capacities and on the acquisition of rolling stock of rail transport, ships of the maritime and river fleet, construction and agricultural machines, machinery and vehicles and other machinery and equipment, which are not included in the estimates of construction projects.

Capital Investments in the Development of Agriculture
for the Entire Set of Operations
(in comparable prices; billions of rubles)

	All capital investments	state capital investments	including capital investments of kolkhozes	Of total amount of capital investments, those for production facilities	Proportion of capital investments on development of agriculture for entire set of operations in total amount of capital investments in national economy, percent
Seventh Five-Year Plan.	48.2	27.6	20.6	41.4	20
including 1965.	12.3	7.4	4.9	10.5	22
Eighth Five-Year Plan	81.5	48.1	33.4	67.7	23
including 1970.	19.4	11.8	7.6	16.3	24

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	All capital investments	<u>including</u>				
		state capital investments	capital investments of kolkhozes	Of total amount of capital investments, those for production facilities	Proportion of capital investments on development of agriculture for entire set of operations in total amount of capital investments in national economy, percent	
Ninth Five-Year Plan.	130.5	83.2	47.3	112.5	26	
including 1975.	30.8	20.1	10.7	26.6	27	
Three years of the 10th Five-Year Plan.	100.0	66.1	33.9	85.7	27	
1976.	32.1	21.1	11.0	27.6	27	
1977.	33.3	22.0	11.3	28.5	27	
1978.	34.6	23.0	11.6	29.6	27	

The data are cited with the inclusion of the expenditures on the construction of repair enterprises of the USSR State Committee for the Supply of Production Equipment for Agriculture and of agricultural scientific research institutions, on the construction of enterprises for the production of construction materials and on the development of the construction industry of contracting organizations of the system of the USSR Ministry of Land Reclamation and Water Resources, for the construction of enterprises for the processing of agricultural products and the production of construction materials, for the development of the production base of the construction industry at kolkhozes and interfarm organizations and other expenditures, which are not included in the the amount of the capital investments on the development of agriculture for the entire set of operations. During the years of Soviet power (1918-1978) these capital investments have been 420 billion rubles.

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Capital Investments of the State and Kolkhozes in Agriculture*
(in comparable prices; billions of rubles)

	All capital in- vestments	of them, for pro- duction facilities	Of the total amount of capital investments			
			state capital investments	of them, for production facilities	capital in- vestments of kolkhozes	of them, for production facilities
Total for 1918-1978.	385.8	321.8	236.9	195.5	148.9	126.3
1918-1928 (excluding fourth quarter of 1928)	0.1	0.1	0.1	0.1	0.03	0.03
First Five-Year Plan	1.6	1.4	1.2	1.0	0.4	0.4
Second Five-Year Plan.	2.6	2.3	1.4	1.2	1.2	1.1
Three and a half years of the Third Five-Year Plan	2.4	2.2	0.9	0.8	1.5	1.4
From 1 July 1941 to 1 January 1946	2.0	1.9	0.3	0.3	1.7	1.6
Fourth Five-Year Plan.	6.1	5.6	2.6	2.4	3.5	3.2
Fifth Five-Year Plan	14.6	12.8	7.2	6.3	7.4	6.5
Sixth Five-Year Plan	28.3	24.0	13.3	11.0	15.0	13.0
Seventh Five-Year Plan	45.3	37.7	26.6	21.2	18.7	16.5
including 1965	11.5	9.5	7.1	5.7	4.4	3.8
Eighth Five-Year Plan.	74.1	59.7	44.9	36.2	29.2	23.5
including 1970	17.5	14.3	10.9	8.9	6.6	5.4
Ninth Five-Year Plan	118.4	99.2	77.3	64.3	41.1	34.9
including 1975	27.9	23.3	18.7	15.6	9.2	7.7
Three years of the 10th Five-Year Plan . .	90.3	74.9	61.1	50.7	29.2	24.2
1976	29.1	24.2	19.6	16.3	9.5	7.9
1977	30.0	24.9	20.3	16.8	9.7	8.1
1978	31.2	25.8	21.2	17.6	10.0	8.2

* See pages 332-333 for the data on the amount of capital investments in the development of agriculture for the entire set of operations.

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Capital Investments of the State and Kolkhozes
in Agriculture by Directions
(in comparable prices; millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
Capital investments of the state and kolkhozes in agriculture--							
total.	775	11471	17453	27903	29119	29955	31200
including:							
for the construction of production facilities and the acquisition of equipment . . .	714	9477	14276	23293	24266	24908	25787
of them:							
for the construction and equipment of livestock facilities	244	2311	3255	5658	5647	5613	5570
for water management construction.	141	1547	2849	4885	4929	4718	4684
for the electrification of agriculture.	2	523	671	601	615	651	685
for the establishment of orchards, vineyards and other perennial plantings. .	33	254	376	598	706	741	727
of the total for production facilities, the expenditures on the acquisition of tractors, vehicles, agricultural machinery, equipment and implements, which are not included in the estimates of construction projects	93	3167	4468	6910	7505	7830	8720
for the construction of non-production facilities.	61	1994	3177	4610	4853	5047	5413

Total Amount of Capital Investments by Union Republics
(in comparable prices; millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
USSR*	6433	56015	80671	112895	117970	122287	129685
RSFSR	4326	33122	47863	69146	72779	75306	80118
Ukrainian SSR	927	9369	12943	17479	17787	18365	19579
Belorussian SSR	185	1509	2660	3638	3909	4124	4323
Uzbek SSR	202	2021	3044	4269	4481	4774	4946
Kazakh SSR.	260	4115	5328	6803	7030	7277	7769

* Here and on page 336 respectively the capital investments and the construction and installation, which are partially not broken down by republics, are included in the total for the USSR.

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Georgian SSR.	134	758	1099	1299	1486	1548	1645
Azerbaijan SSR.	166	823	1180	1570	1582	1643	1856
Lithuanian SSR.	2	671	1133	1507	1594	1588	1616
Moldavian SSR.	9	587	943	1373	1436	1495	1540
Latvian SSR.	11	605	881	1258	1257	1262	1195
Kirgiz SSR.	42	479	717	860	883	932	964
Tadzhik SSR.	45	509	633	841	897	945	953
Armenian SSR.	50	523	816	958	949	1003	1040
Turkmen SSR.	42	522	785	1159	1091	1172	1202
Estonian SSR.	32	395	576	699	682	722	789

Capital Investments by Union Republics in 1978
(in comparable prices; millions of rubles)

	All capital invest- ments	including of state and cooperative enterprises and organ- izations	of kolkhozes	of the population for construction of their own resi- dences and apart- ments
USSR.	129685	116329	11649	1707
RSFSR	80118	73709	5984	425
Ukrainian SSR	19579	16186	2842	551
Belorussian SSR	4323	3674	582	67
Uzbek SSR	4946	4331	411	204
Kazakh SSR.	7769	7444	266	59
Georgian SSR.	1645	1468	123	54
Azerbaijan SSR.	1856	1694	114	48
Lithuanian SSR.	1616	1248	311	57
Moldavian SSR	1540	1132	349	59
Latvian SSR	1195	1023	160	12
Kirgiz SSR.	964	813	103	48
Tadzhik SSR	953	794	110	49
Armenian SSR.	1040	984	33	23
Turkmen SSR	1202	1018	140	44
Estonian SSR.	789	661	121	7

Construction and Installation Work of State and Cooperative
Enterprises and Organizations (Excluding Kolkhozes)
by Union Republics
(in comparable prices; millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
USSR.	4484	30789	43457	57450	58398	59736	60640
RSFSR	3102	18604	26211	35738	36483	37373	38115
Ukrainian SSR	642	4640	6252	7989	7851	7897	7799

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	1940	1965	1970	1975	1976	1977	1978
Belorussian SSR	129	846	1343	1790	1913	1960	2001
Uzbek SSR	112	1071	1758	2384	2524	2625	2677
Kazakh SSR.	170	2591	3298	4017	4009	4071	4192
Georgian SSR.	83	401	625	651	740	806	833
Azerbaijan SSR.	92	389	567	668	685	736	787
Lithuanian SSR.	1	371	585	738	729	716	678
Moldavian SSR	6	234	388	523	509	546	561
Latvian SSR	8	328	430	545	538	519	483
Kirgiz SSR.	24	244	382	419	441	450	465
Tadzhik SSR	29	278	357	464	475	492	486
Armenian SSR.	31	322	517	579	580	586	587
Turkmen SSR	28	257	385	583	510	524	529
Estonian SSR.	27	212	304	335	331	339	351

Unfinished Construction at State and Cooperative
Enterprises and Organizations (Excluding Kolkhozes)
(at end of the year; according to actual cost for builder)

Years	Billions of rubles	Percent of amount of capital investments for the year
1955	15.0	92
1965	29.6	69
1970	52.5	73
1975	76.7	75
1976	84.1	80
1977	92.5	85
1978	99.0	85

Unfinished Construction at State and Cooperative Enterprises
and Organizations (Excluding Kolkhozes) by Individual
Sectors of Industry
(at end of the year; according to actual cost for builder; millions of
rubles)

	1965	1970	1975	1976	1977	1978
Total for the national economy. . . .	29620	52491	76666	84063	92509	98999
including for production facilities	23526	39271	58591	64271	71404	76221
of them by sectors of industry:						
electric power.	2128	3058	4063	4169	4592	4956
coal industry	1496	2046	2186	2333	2654	2859
petroleum and gas industry. . . .	2094	3089	5237	5736	6345	6780
ferrous metallurgy.	1583	2245	3403	3688	4056	3968
chemical and petrochemical industry.	2292	2871	5028	5731	7483	9188
machine building and metalworking	2526	4891	8922	8849	9513	9850

/Table continued on following page/

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	1965	1970	1975	1976	1977	1978
timber, wood processing and pulp and paper industry.	1086	1148	1673	1789	2086	2116
construction materials industry . .	999	1402	1816	1847	1827	1835
light industry.	517	773	913	1080	1105	1020
food industry	890	1699	1940	2061	2136	2217

Amount of Construction and Installation Work Performed by the Contract
Method for State and Cooperative Enterprises and Organizations
(Excluding Kolkhozes)
(in comparable prices; billions of rubles)

	Amount of con- struction and installation work	including construc- tion and installa- tion work performed		Percent of total amount of construc- tion and installa- tion work per- formed	
		by con- tract method	with one's own re- sources	by con- tract method	with one's own re- sources
Total for 1918-1978. . .	985.9	845.2	140.7	86	14
1918-1928 (excluding fourth quarter of 1928).	1.6	0.2	1.4	10	90
First Five-Year Plan . .	6.8	2.5	4.3	36	64
Second Five-Year Plan. .	14.7	4.8	9.9	33	67
Three and a half years of Third Five-Year Plan. From 1 July 1941 to 1 January 1946	14.2	7.9	6.3	55	45
Fourth Five-Year Plan. .	27.1	19.7	7.4	73	27
Fifth Five-Year Plan . .	51.7	42.1	9.6	82	18
Sixth Five-Year Plan . .	92.8	78.4	14.4	85	15
Seventh Five-Year Plan .	135.7	116.9	18.8	86	14
including 1965	30.8	26.9	3.9	87	13
Eighth Five-Year Plan. .	188.7	166.8	21.9	88	12
including 1970	43.5	38.7	4.8	89	11
Ninth Five-Year Plan . .	260.2	236.3	23.9	91	9
including 1975	57.5	52.6	4.9	92	8
Three years of 10th Five- Year Plan.	178.8	161.6	17.2	90	10
1976	58.4	53.4	5.0	92	8
1977	59.7	53.5	6.2	90	10
1978	60.7	54.7	6.0	90	10

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Total Amount of Work Performed By Contracting Construction and Installation
Organizations for the National Economy (Including Kolkhozes)*
(in comparable prices; billions of rubles)

	Amount of construction and installation work	by contract method	with one's own re- sources	Percent of total amount of con- struction and in- stallation work performed	Total amount of con- tract work performed by state, cooperative and interfirm construction and installation organ- izations (including capital repair)
Total for 1918-1978.	1096.4	900.4	196.0	82	18
1918-1928 (excluding fourth quarter of 1928)	1.6	0.2	1.4	10	90
First Five-Year Plan	7.2	2.5	4.7	35	65
Second Five-Year Plan.	15.7	4.8	10.9	31	69
Third and a half years of the Third Five-Year Plan	15.6	7.9	7.7	51	49
From 1 July 1941 to 1 January 1946 .	15.1	7.9	7.2	53	47
Fourth Five-Year Plan.	30.0	19.7	10.3	66	34
Fifth Five-Year Plan	57.6	42.1	15.5	73	27
Sixth Five-Year Plan	104.0	79.4	24.6	76	24
Seventh Five-Year Plan	148.9	122.2	26.7	82	18
including 1965	33.8	28.5	5.3	84	16
Eighth Five-Year Plan.	209.9	179.4	30.5	85	15
including 1970	48.3	41.8	6.5	86	14
Ninth Five-Year Plan	291.0	257.6	33.4	89	11
including 1975	64.4	57.6	6.8	89	11
Three years of 10th Five-Year Plan .	199.8	176.7	23.1	88	12
1976	65.3	58.5	6.8	90	10
1977	66.7	58.8	7.9	88	12
1978	67.8	59.4	8.4	88	12

*Excluding work on individual housing construction.

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Amount of Contract Work Performed by Interfarm Construction
Organizations on Their Own by Union Republics
(in comparable prices; millions of rubles)

	1965	1970	1975	1976	1977	1978
USSR.	1325	2497	4166	4367	4545	4726
RSFSR	595.4	1182.9	2083.0	2206.6	2282.3	2392.7
Ukrainian SSR	350.0	666.5	973.1	972.5	987.3	1017.6
Belorussian SSR	63.1	112.1	213.9	228.5	246.4	262.8
Uzbek SSR	69.7	118.7	198.5	224.4	238.6	261.3
Kazakh SSR.	23.2	43.9	96.5	107.7	118.8	129.0
Georgian SSR.	22.9	26.8	32.8	36.5	41.1	41.8
Azerbaijan SSR.	16.0	23.5	44.6	46.1	52.6	58.4
Lithuanian SSR.	22.1	39.8	82.4	91.2	97.2	101.4
Moldavian SSR	54.8	84.2	131.4	135.4	149.7	135.0
Latvian SSR	20.1	36.0	62.5	61.6	62.3	59.7
Kirgiz SSR.	30.9	44.9	59.3	60.8	62.4	61.1
Tadzhik SSR	19.6	42.3	52.5	54.1	56.1	53.3
Armenian SSR.	0.9	0.5	1.6	2.4	3.3	2.8
Turkmen SSR	19.5	32.1	47.6	48.2	49.9	51.6
Estonian SSR.	16.5	42.9	86.2	90.8	97.1	97.0

Number of State, Cooperative and Interfarm Primary
Contracting Construction and Installation Organizations

Years	All	including		
	organiza- tions	state and co- operative	of them state	interfarm
1965	14246	12110	11890	2136
1970	21620	18554	18246	3066
1975	26948	23333	22932	3615
1976	28632	24821	24436	3811
1977	29339	25389	24986	3950
1978	30514	26374	25968	4140

Number of State Primary Contracting
Construction and Installation Organizations
(at end of the year)

Years	All organizations	including	
		general construction	specialized
	Number of organizations		
1940	4000	2920	1080
1965	11890	5482	6408
1970	18246	8353	9893
1975	22932	9900	13032
1976	24436	10627	13809
1977	24986	10881	14105
1978	25968	11471	14497

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Years	All organizations	including	
		general construction	specialized
	Percent of total		
1940	100	73	27
1965	100	46	54
1970	100	46	54
1975	100	43	57
1976	100	43	57
1977	100	44	56
1978	100	44	56

Number of State Primary Contracting Construction
and Installation Organizations on 1 January 1979

	All organ- izations	including	
		general construction	specialized
Total for USSR.	25968	11471	14497
including:			
subordinate to USSR			
ministries and depart-			
ments	19734	9573	10161
subordinate to councils			
of ministers of union			
republics	6234	1898	4336

Number of State Contracting Construction and Installation Trusts
(at end of the year)

1965	1970	1975	1976	1977	1978
1438	2300	2858	2884	2921	3009

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Distribution of State Primary Contracting Construction and Installation Organizations
by Types of Specialization

	1965				1970				1978			
	Number of organizations	Proportion of work performed by these organizations in total amount of work, percent	Number of organizations	Proportion of work performed by these organizations in total amount of work, percent	Number of organizations	Proportion of work performed by these organizations in total amount of work, percent	Number of organizations	Proportion of work performed by these organizations in total amount of work, percent	Number of organizations	Proportion of work performed by these organizations in total amount of work, percent	Number of organizations	Proportion of work performed by these organizations in total amount of work, percent
All primary contracting organizations	11890	100	18246	100	25968	100						
including:												
general construction.	5482	44	8353	42	11471	37						
specialized	6408	56	9893	58	14497	63						
of them by types of work:												
excavation and earth moving	663	4.0	856	4.3	932	4.5						
laying of outdoor pipelines	386	3.5	482	3.0	631	2.6						
construction of railroads	80	0.8	135	0.7	147	0.6						
construction of roads	532	3.8	934	4.2	1003	4.0						
installation of large elements of buildings and structures made from factory-made precast reinforced concrete components and parts	155	2.5	250	2.9	386	2.9						
finishing work.	318	2.9	464	2.8	721	2.7						
special work on shaft building and other underground work.	117	1.3	161	1.4	190	1.3						
sanitary engineering work	631	5.1	820	4.3	1114	4.0						
electrical work	594	5.9	714	5.2	919	5.1						
installation of technological, power, materials-handling and other equipment	542	7.0	677	6.2	913	6.7						
hydraulic engineering work.	124	1.6	116	1.2	163	1.3						
work on weak-current equipment.	251	1.7	306	1.6	347	1.1						
water management construction	361	2.3	1543	4.6	1942	4.9						

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Grouping of State Primary Contracting Construction and Installation
Organizations by the Amount of Work Performed on Their Own
by Union Republics in 1978
(percent of total number of organizations)

	All organiza- tions	including with an amount of work by plan for the year, millions of rubles			
		up to 1.0	from 1.0 to 3.2	from 3.2 to 5.0	5.0 and over
USSR.	100	18	57	17	8
RSFSR	100	19	54	18	9
Ukrainian SSR	100	16	55	20	9
Belorussian SSR	100	13	61	20	6
Uzbek SSR	100	24	64	9	3
Kazakh SSR.	100	19	64	12	5
Georgian SSR.	100	21	68	7	4
Azerbaijan SSR.	100	26	62	8	4
Lithuanian SSR.	100	6	75	16	3
Moldavian SSR	100	8	80	9	3
Latvian SSR.	100	7	57	24	12
Kirgiz SSR.	100	23	64	9	4
Tadzhik SSR	100	17	65	12	6
Armenian SSR.	100	11	67	19	3
Turkmen SSR	100	23	64	9	4
Estonian SSR.	100	7	66	15	12

Grouping of State Contracting Construction and Installation Trusts
by the Amount of Work Performed on Their Own by Union Republics in 1978
(percent of total number of trusts)

	All trusts	including with an amount of work by plan for the year, millions of rubles				
		up to 5.0	from 5.0 to 9.0	from 9.0 to 15.0	from 15.0 to 25.0	25.0 and over
USSR.	100	4	17	31	27	21
RSFSR	100	6	16	30	25	23
Ukrainian SSR	100	2	16	33	28	21
Belorussian SSR	100	--	8	26	46	20
Uzbek SSR	100	2	16	35	36	11
Kazakh SSR.	100	4	19	27	31	19
Georgian SSR.	100	2	24	42	23	9
Azerbaijan SSR.	100	5	29	42	17	7
Lithuanian SSR.	100	4	11	21	43	21
Moldavian SSR	100	--	21	21	48	10

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	All trusts	including with an amount of work by plan for the year, millions of rubles				
		up to 5.0	from 5.0 to 9.0	from 9.0 to 15.0	from 15.0 to 25.0	25.0 and over
Latvian SSR	100	--	8	62	13	17
Kirgiz SSR.	100	6	25	44	19	6
Tadzhik SSR	100	6	19	34	22	19
Armenian SSR.	100	--	29	39	25	7
Turkmen SSR	100	15	22	31	15	17
Estonian SSR.	100	--	25	25	38	12

Number of State Planning, Planning and Surveying and Surveying
Organizations Performing Work for Capital Construction
(at end of the year)

	1965	1970	1975	1976	1977	1978
Total for USSR.	1322	1418	1703	1727	1753	1764
including:						
subordinate to USSR ministries and departments	848	1005	1227	1237	1244	1247
subordinate to councils of ministers of union republics.	474	413	476	490	509	517

Amount of Work Performed by State Planning, Planning and Surveying
and Surveying Organizations
(in comparable prices; millions of rubles)

1965	1970	1975	1976	1977	1978
882	1548	2389	2507	2661	2775

Availability of Construction Machinery in Construction
(at end of the year; thousands)

Years	Excavators	Scrapers	Bulldozers	Traveling cranes
1940	2.1	1.1	0.8	1.1
1965	69.2	20.1	68.5	83.3
1970	103.3	29.2	101.7	118.8
1975	140.3	41.1	141.7	166.6
1976	145.8	42.5	154.5	184.0
1977	153.2	43.9	158.2	189.6
1978	156.9	43.3	161.2	196.6

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Average Annual Number of Workers at Construction Organizations*
(thousands)

	1940	1965	1970	1975	1976	1977	1978
All workers at construction organizations.	2567	7286	9220	10769	10940	11123	11320
including:							
workers.	1988	6161	7613	8716	8818	8932	9044
engineering and technical personnel.	198	650	1005	1327	1378	1435	1506
employees.	209	310	394	465	481	489	498
Of the total number of workers, the personnel engaged in construction and installation work--total.	1620	5685	6994	7930	7999	8052	8119
including:							
workers.	1335	4892	5824	6478	6500	6504	6506
engineering and technical personnel.	109	540	819	1041	1080	1119	1173
employees.	82	175	251	308	315	324	331

* The number of workers of state and cooperative contracting construction and installation organizations, of enterprises and organizations, which perform construction and installation work using their own resources, as well as the number of workers of repair and construction offices and interfarm construction organizations are included in the cited data.

Number of Workers Engaged in Construction and Installation Work
Per Million Rubles of Performed Construction and Installation Work

Years	People	Years	People
1965	136	1976	81
1970	110	1977	78
1975	83	1978	76

Growth of Labor Productivity in Construction
(excluding repair and construction offices and interfarm construction organizations; per worker engaged in construction and installation work and at subsidiary works)

Years	Percent of			Years	Percent of		
	1940	1970	preced- ing year		1940	1970	preced- ing year
1940	100		104	1970	448	100	106.4
1950	125		105	1975	576	129	105.4
1955	186		111.3	1976	594	133	103.1
1960	285		108.1	1977	612	137	103.0
1965	367		105.7	1978	625	140	102.2

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Structure of Expenditures on Construction and Installation Work
(according to actual cost; percent of total of all expenditures)

	1940	1965	1970	1975	1976	1977	1978
All expenditures.	100	100	100	100	100	100	100
including:							
materials	48.9	55.6	55.6	55.0	54.6	54.3	53.8
basic wages of workers. . . .	20.9	16.5	15.2	14.3	14.3	14.2	14.1
expenditures on operation of machinery and machines. . . .	2.5	8.3	9.5	10.3	10.5	10.7	11.0
other expenditures.	6.1	3.8	3.5	4.1	4.2	4.3	4.4
overhead.	21.6	15.8	16.2	16.3	16.4	16.5	16.7
of them administrative and management expenditures . .	9.3	5.3	5.7	5.1	5.1	5.1	4.8

The structure of the actual expenditures on construction and installation work is cited in conformity with the procedure of compiling estimates for construction, according to which the expenditures are established as a whole according to the corresponding complex item. This means that the wages of the workers of a construction project, who are engaged in the loading, transportation and unloading of construction materials, are included in the cost of the materials; the wages of those working with machinery are attributed to the expenditures on the operation of construction machinery and machines, the wages of engineering and technical personnel and employees are assigned to the overhead.

If we add up all the expenditures of construction organizations on wages, the proportion of the wages of workers, engineering and technical personnel, employees and service personnel of all the works and services, which are carried on the balance sheet of the construction, in the total expenditures on the construction and installation work would be (percent):

1965	1970	1975	1976	1977	1978
34	32	32	32	32	32

Indices of Actual Cost of Construction and Installation Work
(in prices of corresponding years)

Years	Percent of		
	1940	1970	preceding year
1940	100		
1950	160		
1955	132		
1960	127		
1965	126		99.7
1970	124	100	98.8
1975	121	97.6	99.5
1976	121	97.8	100.2
1977	121	98.0	100.2
1978	122	98.4	100.4

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Breakdown of the Population Employed in the National Economy by Sectors
(excluding students; percent)

	1913	1940	1965	1970	1975	1978
Total employed in the national economy. . .	100	100	100	100	100	100
In industry and construction.	9	23	36	38	38	39
In agriculture and forestry (including private subsidiary agriculture)	75	54	31	25	23	21
In transportation and communications. . . .	2	5	8	8	9	9
In trade, public dining, material and technical supply and marketing, procurement	9	5	6	7	8	8
In health, physical culture and social security; in public education, culture and art; in science and scientific service. . .	1	6	14	16	16	17
On the staff of organs of state administra- tion, organs of the management of coopera- tive and public organizations; in credit extension and state insurance	4	3	2	2	2	2
In other sectors of the national economy (housing and municipal services and personal services and others).		4	3	4	4	4

Breakdown of the Population Employed in the National Economy by Sectors
of Physical Production and the Nonproductive Sectors
(excluding students; percent)

	1940	1965	1970	1975	1978
Total employed in the national economy. . . .	100	100	100	100	100
In sectors of physical production (includ- ing freight transport, communications for the service of production, trade and the private subsidiary sector).	88.3	79.8	77.1	75.2	74.4
including: workers and employees	30.4	55.9	59.0	60.6	61.5

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	1940	1965	1970	1975	1978
kolkhoz farmers employed in public sector of kolkhozes and in the private subsidiary sector.	44.2	20.9	16.2	13.3	11.8
members of the families of workers and employees, who are employed in private subsidiary agriculture.	2.5	2.9	1.9	1.3	1.1
remaining population (individual peasant farmers, handicraftsmen and others) . . .	11.2	0.1	0.0	0.0	0.0
In nonproductive sectors.	11.7	20.2	22.9	24.8	25.6
including:					
in health, physical culture and social security; in public education, culture and art; in science and scientific service	5.9	13.8	15.4	16.3	16.7
in other nonproductive sectors (housing and municipal services and personal services; passenger transportation and communications for serving the population and the nonproductive sectors; the staff of organs of state administration, organs of management of cooperative and public organizations; credit extension and state insurance).	5.8	6.4	7.5	8.5	8.9

In 1913 about 95 percent of the entire working population was employed in the sectors of physical production.

Average Annual Number of Workers and Employees in the National Economy
(millions)

Years	All workers and employees	including workers (including junior service personnel and security workers)
1913		
within the boundaries of the USSR prior to 17 September 1939.	11.4	9.8
within the present boundaries of the USSR	12.9	11.0
1928.	11.4	8.7
1932.	24.2	17.8
1937.	28.6	20.6
1940.	33.9	23.7
1945.	28.6	20.5
1950.	40.4	28.7

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Years	All workers and employees	including workers (includ- ing junior service person- nel and security workers)
1955.	50.3	36.8
1960.	62.0	45.9
1965.	76.9	55.9
1970.	90.2	64.3
1975.	102.2	71.7
1976.	104.2	72.9
1977.	106.4	74.5
1978.	108.6	75.9

Average Annual Number of Workers and Employees
by Sectors of the National Economy
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Entire national economy. . .	33926	76915	90186	102160	104235	106393	108616
Industry (industrial per- sonnel engaged directly in production).	13079	27447	31593	34054	34815	35417	36014
Agriculture.	2703	8928	9419	10521	10767	10999	11258
including sovkhoses, in- terfarm agricultural en- terprises, subsidiary and other agricultural production enterprises .	1760	8473	8833	9787	9970	10180	10387
Forestry	280	402	433	453	449	452	458
Transport.	3525	7252	7985	9215	9378	9609	9863
rail	1767	2319	2331	2459	2460	2478	2524
water.	206	348	370	404	411	411	422
motor, urban electric and other transport; loading and unloading operations	1552	4585	5284	6352	6507	6720	6917
Communications	484	1007	1330	1528	1555	1575	1599
Construction	1993	7301	9052	10574	10716	10880	11034
including construction and installation work. .	1620	5685	6994	7930	7999	8052	8119
Trade, public dining, mate- rial and technical supply and marketing, procurement Other types of activity of the sphere of physical production	3351	6009	7537	8857	9010	9204	9361
	166	775	998	1250	1290	1345	1391

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	1940	1965	1970	1975	1976	1977	1978
Housing and municipal services and personal service	1516	2386	3052	3805	3896	4046	4218
Health, physical culture and social security. . . .	1512	4277	5080	5769	5878	5962	6033
Public education	2482	6044	7246	8135	8295	8461	8706
Culture.	196	556	824	1056	1097	1161	1209
Art.	173	370	412	446	448	449	451
Science and scientific service.	362	2401	2999	3790	3860	3969	4069
Credit extension and state insurance.	267	300	388	519	546	574	604
Staff of organs of state administration, organs of management of cooperative and public organizations .	1837	1460	1838	2188	2235	2290	2348

Growth Rate of Average Annual Number of Workers and Employees
by Sectors of the National Economy
(1940 = 100)

	1940	1965	1970	1975	1976	1977	1978
All workers and employees in the national economy.	100	227	266	301	307	314	320
including workers (including junior service personnel and security workers).	100	236	271	302	308	314	320
Workers and employees by sectors of the national economy:							
industry (industrial personnel engaged directly in production) . . .	100	210	242	260	266	271	275
agriculture	100	330	348	389	398	407	417
sovkhozes, interfarm agricultural enterprises, subsidiary and other agricultural production enterprises.	100	481	502	556	566	578	590
forestry.	100	144	155	162	160	161	164
transport	100	206	227	261	266	273	280
rail.	100	131	132	139	139	140	143
water	100	169	180	196	199	200	205
motor, urban electric and other transport; loading and unloading operations.	100	295	340	409	419	433	446
communications.	100	208	275	316	321	325	330
construction.	100	366	454	530	538	546	553
construction and installation work.	100	351	432	490	494	497	501

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	1940	1965	1970	1975	1976	1977	1978
trade, public dining, material and technical supply and marketing, procurement.	100	179	225	264	269	275	279
housing and municipal services and personal service	100	157	201	251	257	267	278
health, physical culture and social security.	100	283	336	381	389	394	399
public education	100	244	292	328	334	341	351
culture.	100	283	420	538	559	591	616
art.	100	215	238	258	260	260	261
science and scientific service . .	100	663	828	1047	1066	1096	1124
credit extension and state insurance	100	112	145	194	204	215	226
staff of organs of state administration, organs of management of cooperative and public organizations.	100	79	100.1	119	122	125	128

Average Annual Number of Workers and Employees by Union Republics
(thousands)

	1940	1960	1970	1975	1976	1977	1978
USSR.	33926	76915	90186	102160	104235	106393	108616
RSFSR	22173	47474	54376	60662	61663	62720	63828
Ukrainian SSR	6578	13397	16200	18356	18745	19134	19494
Belorussian SSR	1136	2437	3075	3577	3658	3756	3859
Uzbek SSR	756	2083	2642	3343	3470	3593	3744
Kazakh SSR.	917	4119	4692	5375	5501	5615	5758
Georgian SSR.	494	1202	1490	1733	1798	1845	1898
Azerbaijan SSR.	486	1045	1273	1506	1566	1634	1692
Lithuanian SSR.	179	931	1166	1325	1352	1378	1407
Moldavian SSR	101	677	944	1251	1306	1357	1413
Latvian SSR	262	916	1033	1127	1142	1158	1177
Kirgiz SSR.	175	617	780	936	963	1014	1046
Tadzhik SSR	149	444	586	745	785	830	864
Armenian SSR.	156	631	838	991	1024	1069	1108
Turkmen SSR	188	390	478	574	596	617	646
Estonian SSR.	176	552	613	659	666	673	682

Average Annual Number of Workers (Including Junior Service Personnel
and Security Workers) by Sectors of the National Economy
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Entire national economy.	23692	55933	64269	71642	72909	74485	75869
Industry	11113	23495	26631	28487	29055	29515	29928
Agriculture and forestry	2491	8566	8866	9805	9998	10194	10403

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	1940	1965	1970	1975	1976	1977	1978
Transportation and communications.	2879	6398	7092	8078	8229	8466	8669
Construction	1704	6012	7174	8143	8207	8301	8375
Trade, public dining, material and technical supply and marketing, procurement.	2322	4554	5793	6921	7054	7292	7409
Housing and municipal services and personal service	1095	1857	2524	3142	3205	3337	3472
Other sectors of the national economy (health, public education, culture, art, science and scientific service and others).	2088	5051	6189	7066	7161	7380	7613

Average Annual Number of Workers (Including Junior Service Personnel
and Security Workers) by Union Republics
(thousands)

	1940	1965	1970	1975	1976	1977	1978
USSR.	23692	55933	64269	71642	72909	74485	75869
RSFSR	15771	34671	38796	42504	43048	43787	44443
Ukrainian SSR	4578	9746	11602	12952	13216	13522	13737
Belorussian SSR	718	1798	2227	2547	2596	2670	2738
Uzbek SSR	492	1427	1815	2273	2348	2430	2540
Kazakh SSR.	634	3100	3410	3841	3932	4002	4111
Georgian SSR.	298	811	1029	1189	1237	1265	1306
Azerbaijan SSR.	322	706	856	1011	1056	1111	1148
Lithuanian SSR.	114	685	843	942	959	983	990
Moldavian SSR	57	483	675	910	953	995	1036
Latvian SSR	177	658	735	794	802	815	824
Kirgiz SSR.	112	439	551	655	673	715	733
Tadzhik SSR	84	296	397	503	532	573	596
Armenian SSR.	92	451	588	692	713	752	775
Turkmen SSR	118	254	310	368	379	396	420
Estonian SSR.	125	408	435	461	465	469	472

Average Annual Number of Female Workers and Employees
in the National Economy

Years	Number of female workers and employees, thousands	Percent of women in total number of workers and employees
1928	2795	24
1940	13190	39
1945	15920	56
1950	19180	47

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Years	Number of female workers and employees, thousands	Percent of women in total number of workers and em- ployees
1955	23040	46
1960	29250	47
1965	37680	49
1970	45800	51
1975	52539	51
1976	53631	51
1977	54686	51
1978	55789	51

The highest percentage of women in the total number of workers and employees in 1978 was in trade and public dining--84 percent, in health, physical culture and social security--83 percent, in public education--74 percent and in culture--72 percent.

Average Annual Number of Female Workers and Employees by Union republics
(thousands)

	1940	1965	1970	1975	1976	1977	1978
USSR.	13190	37680	45800	52539	53631	54686	55789
RSFSR	9024	24214	28585	32027	32510	33018	33545
Ukrainian SSR	2412	6375	8113	9478	9725	9933	10135
Belorussian SSR	449	1240	1611	1907	1944	2000	2056
Uzbek SSR	232	833	1091	1417	1486	1531	1597
Kazakh SSR.	277	1740	2200	2593	2664	2718	2799
Georgian SSR.	171	503	634	781	819	848	863
Azerbaijan SSR.	165	414	518	640	664	696	726
Lithuanian SSR.	53	436	570	675	690	708	727
Moldavian SSR	36	322	477	644	673	696	723
Latvian SSR	95	475	550	611	623	627	641
Kirgiz SSR.	51	273	367	450	463	487	504
Tadzhik SSR	44	167	223	286	302	322	337
Armenian SSR.	52	248	346	445	469	491	509
Turkmen SSR	67	153	189	232	240	248	258
Estonian SSR.	62	287	326	353	359	363	369

Percentage of Women in Total Number of Workers and Employees
by Union Republics

	1940	1965	1970	1975	1976	1977	1978
USSR.	39	49	51	51	51	51	51
RSFSR	41	51	53	53	53	53	53
Ukrainian SSR	37	48	50	52	52	52	52
Belorussian SSR	40	51	52	53	53	53	53
Uzbek SSR	31	40	41	42	43	43	43

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	1940	1965	1970	1975	1976	1977	1978
Kazakh SSR.	30	42	47	48	48	48	49
Georgian SSR.	35	42	43	45	46	46	46
Azerbaijan SSR.	34	40	41	43	42	43	43
Lithuanian SSR.	30	47	49	51	51	51	52
Moldavian SSR.	35	48	51	51	51	51	51
Latvian SSR.	36	52	53	54	55	54	54
Kirgiz SSR.	29	44	47	48	48	48	48
Tadzhik SSR.	29	38	38	38	38	39	39
Armenian SSR.	34	39	41	45	46	46	46
Turkmen SSR.	36	39	39	40	40	40	40
Estonian SSR.	35	52	53	54	54	54	54

Average Wage of Workers and Employees With the Addition of Payments
and Benefits From Public Consumption Funds in 1978*
(rubles)

	Average a year	Average a month
All workers and employees in the national economy		
Average wage of workers and employees with the addition of payments and benefits from public consumption funds.	2628	219
Average monetary wage of workers and employees.	1919	160
including paid leave.	137	11
Payments and benefits received by workers and employees from public consumption funds (excluding paid leave), average per worker.	709	59
Industrial workers		
Average wage of industrial workers with the addition of payments and benefits from public consumption funds	2917	243
Average monetary wage of industrial workers	2113	176
including paid leave.	155	13
Payments and benefits received by industrial workers from public consumption funds (excluding paid leave), average per worker.	804	67

* See the content of public consumption funds on pages 368-369.

The cited data characterize the amount of the average wage with the addition of payments and benefits per worker. If we take into account that not just one person in the families of workers and employees works, the average monthly wage per family with the addition of payments and benefits in 1978 was 394 rubles.

Moreover, the state spends about 300 rubles a year per family of workers and employees on the construction of housing, schools, cultural, personal and medical institutions.

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The workers of the Soviet Union have unquestionable advantages as compared with the workers of the capitalist countries: the absence of unemployment and certainty about tomorrow, the lowest rent in the world, free education, including higher education, free medical assistance and a large number of benefits and advantages, which are paid for at the expense of the state.

Average Monthly Wage of Workers and Employees in the National Economy
(rubles)

Years	Average monthly wage with the addition of payments and benefits from public consumption funds	Average monthly monetary wage
1940	40.6	33.1
1946	62.4	48.1
1950	82.4	64.2
1955	91.8	71.8
1960	107.7	80.6
1965	129.2	96.5
1970	164.5	122.0
1975	198.9	145.8
1976	206.7	151.4
1977	212.2	155.2
1978	219	159.9

Average Monthly Monetary Wage of Workers and Employees
by Sectors of the National Economy
(rubles)

	1940	1965	1970	1975	1976	1977	1978
Entire national economy.	33.1	96.5	122.0	145.8	151.4	155.2	159.9
Industry (industrial personnel engaged directly in production) including:	34.1	104.1	133.3	162.2	169.5	172.9	176.8
workers.	32.4	101.7	130.6	160.9	168.2	171.8	176.1
engineering and technical personnel.	69.6	148.4	178.0	199.2	205.8	207.3	208.4
employees.	36.0	85.8	111.6	131.3	139.2	141.5	142.7
Agriculture.	23.3	75.0	101.0	126.8	134.6	139.1	143.0
of it sovkhozes, interfarm agricultural enterprises, subsidiary and other agricultural production enterprises including:	22.0	74.6	100.9	126.7	134.7	139.1	143.1
workers.	20.7	72.4	98.5	124.7	133.1	137.6	141.9
agronomic, animal husbandry, veterinary, engineering and technical personnel.	50.4	138.4	164.3	179.4	182.9	185.6	185.8
employees.	31.1	82.3	95.6	114.0	119.1	120.8	121.9

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	1940	1965	1970	1975	1976	1977	1978
Transport.	34.8	106.0	136.7	173.5	181.8	186.2	190.0
rail	34.2	98.7	123.4	158.1	159.9	168.4	171.9
water.	41.2	135.1	169.5	212.8	220.0	223.6	227.5
motor, urban electric and other transport; loading and unloading organizations.	34.5	107.5	140.3	177.1	187.7	190.5	194.4
Communications	28.2	74.2	96.8	123.6	133.7	136.4	139.4
Construction	36.3	111.9	149.9	176.8	181.0	185.4	191.1
of it construction and in- stallation work.	34.0	112.4	153.0	181.1	185.2	189.2	195.0
including: workers.	31.1	108.4	148.5	180.3	185.3	190.3	196.2
engineering and technical personnel.	75.3	160.7	200.0	207.0	205.5	205.2	211.0
employees.	45.8	102.4	136.8	145.8	145.6	146.2	147.7
Trade, public dining, material and technical supply and mar- keting, procurement.	25.0	75.2	95.1	108.7	112.3	117.1	124.1
Housing and municipal services and personal service	26.1	72.0	94.5	109.0	112.7	117.3	122.9
Health, physical culture and social security.	25.5	79.0	92.0	102.3	104.0	108.7	116.2
Public education	33.1	96.1	108.1	126.6	127.7	129.7	132.4
Culture.	22.3	67.3	84.8	92.2	93.2	97.7	103.8
Art.	39.1	78.2	94.8	103.1	103.3	109.8	120.8
Science and scientific service Credit extension and state insurance.	47.1	120.6	139.5	157.5	161.6	164.6	169.8
Staff of organs of state and economic management, organs of management of cooperative and public organizations	33.4	86.3	111.4	133.8	134.2	140.5	148.4
	39.0	105.9	123.2	131.8	133.6	136.7	144.6

In conformity with the Directives of the 24th CPSU Congress major measures were implemented during the Ninth Five-Year Plan (1971-1975) on increasing the wages of workers and employees. The amount of the wage of more than 75 million workers and employees was increased due to these measures.

During the 10th Five-Year Plan the implementation of measures on increasing wages is continuing in conformity with the program of social development and the increase of the standard of living of the people, which was elaborated by the 25th CPSU Congress. The increase of the minimum wage of workers and employees in all sectors of the national economy to 70 rubles a month has been carried out everywhere, the rates and salaries of the average pay categories of workers of the nonproductive sectors have been increased in the regions of the Far North and in areas equated with them, in the European North, in the regions of the Far East, Siberia, the Urals, Kazakhstan, Central Asia, the Volga River area and the Volga-Vyatka region.

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In 1979 the increase of the rates and salaries of workers of the nonproductive sectors will be completed in all regions of the country, as a result of which during the 10th Five-Year Plan the wage will be increased for 31 million workers of these sectors.

During the past years of the five-year plan other measures on the increase of pay were also implemented: for a number of categories of workers the pay was increased or additional pay was introduced for work at night, measures were implemented on improving the working conditions and pay of workers of the coal and shale industry and shaft construction, the wage was increased for some categories of workers employed in ferrous and non-ferrous metallurgy, the textile industry, construction and agriculture.

Average Set Length of Work Week of Adult Industrial Workers
(hours)

1913	1955	1978
58.5*	47.8	40.6

* The length of the work week in 1913 is cited for enterprises of large-scale industry. In small-scale and cottage industry the length of the workday and work week was not regulated by any laws and was much longer than in large-scale industry.

Average Set Length of Work Week of Adult Workers
by Individual Sectors of Industry
(hours)

	1955	1978
All industry.	47.8	40.6
Electric power.	47.9	40.9
Oil-drilling industry	47.9	40.9
Coal industry	47.6	35.6
Ferrous metallurgy.	47.9	40.8
Chemical and petrochemical industry	46.4	39.9
Machine building and metalworking	47.8	40.9
Pulp and paper industry	47.8	40.8
Light industry.	47.9	40.9
Food industry	48.0	41.0

At present the average set length of the work week of industrial workers is 40.6 hours. As compared with 1913 the length of the work week of industrial workers has been shortened by 18 hours. Instead of a 10-12 hour workday, as was the case at most industrial enterprises of prerevolutionary Russia, now a 7-hour work day has been established, while for some categories of workers 6 or less hours of work a day with a six-day work week or a five-day work week with two days off and the shortening of the set total length of working time a week have been established.

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With allowance made for the shortening of the workday on holidays and with allowance made for holidays in excess of days off the average length of the work week of industrial workers is now 40 hours, while the average length of the work week of all workers and employees in the USSR national economy (with allowance made for the shortened workday of teachers, medical and other personnel) is 39.4 hours.

Distribution of the Number of Workers and Employees in the National Economy by the Set Length of Annual Leaves

	1958	1964	1968	1978
All adult workers and employees, percent.	100	100	100	100
including with a set length of leaves, workdays:				
12.	42.3	36.6	--	--
15.	12.7	10.8	39.7	31.4
16-17	0.0	0.0	0.4	0.9
18.	11.1	14.2	17.2	18.8
19-20	0.0	0.0	0.2	0.5
21.	3.0	4.8	5.0	4.9
22-23	0.0	0.0	0.4	0.4
24.	19.2	20.1	23.2	27.8
over 24	11.7	13.5	13.9	15.3
Average set length of leave of adult workers and employees, workdays	18.5	19.3	20.9	21.6

Workers and employees less than 18 years old are granted annual leave of one calendar month.

Number of Specialists With a Higher and Secondary Specialized Education, Who Are Employed in the National Economy*
(thousands)

Years	All specialists employed in the national economy	including	
		with a higher education	with a secondary specialized education
1913	190	136	54
1928	521	233	288
1941	2401	909	1492
1950	3254	1443	1811
1955	5133	2184	2949
1960	8784	3545	5239
1965	12066	4891	7175
1970	16841	6853	9988
1975	22796	9477	13319
1977	25178	10537	14641
1978 (estimate)	26400	11100	15300

* The data on the number and composition of specialists are cited from the materials of annual reports: for 1941--on 1 January, for 1950 and 1955--on 1 July; for 1960--on 1 December, for 1965-1977--in mid-November, for 1978--at the end of the year.

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Number of Women Specialists With a Higher and Secondary Specialized Education, Who Are Employed in the National Economy*
(thousands)

Years	All women specialists employed in the national economy	including		Percent of women in total number of specialists with a higher and secondary specialized education
		with a higher education	with a secondary specialized education	
1928	151	65	86	29
1941	864	312	552	36
1955	3115	1155	1960	61
1960	5189	1865	3324	59
1965	6941	2518	4423	58
1970	9900	3568	6332	59
1975	13411	4962	8449	59
1977	14836	5524	9312	59
1978 (estimate)	15545	5815	9730	59

* The data on the number and composition of specialists are cited from the materials of annual reports: for 1941--on 1 January, for 1950 and 1955--on 1 July; for 1960--on 1 December; for 1965-1977--in mid-November, for 1978--at the end of the year.

Number of Vocational and Technical Educational Institutions and the Number of Students at Them*
(on 1 January)

	Number of educational institutions	Number of students, thousands
1941.	1551	602
1946.	2488	603
1951.	2593	520
1956.	3145	755
1961.	3684	1064
1966.	4319	1599
1971.	5351	2380
1976.	6272	3081
1977.	6457	3234
1978.	6661	3359
1979--total	6892	3503

* In this table and the tables on pages 360-361 the data are cited for educational institutions of the system of the USSR State Committee for Vocational and Technical Education.
/Table continued on following page/

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	Number of educational institutions	Number of students, thousands
including:		
day vocational and technical educational institutions . . .	6160	3198
of them:		
technical schools.	1097	652
urban vocational and tech- nical schools.	3292	1799
rural vocational and tech- nical schools.	1771	747
of the urban and rural voca- tional and technical schools, secondary voca- tional and technical schools.	3676	1875
evening (shift) vocational and technical educational insti- tutions.	732	305

Admission to Vocational and Technical Educational Institutions

	Total students admitted, thousands
1940.	602
1945.	447
1950.	385
1955.	664
1960.	864
1965.	1211
1970.	1857
1975.	2323
1976.	2383
1977.	2470
1978--total	2550
including:	
to day vocational and technical educational in- stitutions.	2075
of them:	
to technical schools.	595
to urban vocational and technical schools . . .	795
to rural vocational and technical schools . . .	685
of the total number of those admitted to urban and rural vocational and technical schools, those admitted to secondary vocational and technical schools	745
to evening (shift) vocational and technical educational institutions.	475

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Training (Graduation) of Skilled Workers at Vocational
and Technical Educational Institutions

	Total workers trained, thousands
1941.	439
1946.	380
1950.	493
1955.	651
1960.	741
1965.	1100
1970.	1638
1975.	2094
1976.	2119
1977.	2217
1978—total	2271
including:	
at day vocational and technical educational institutions.	1830
of them:	
at technical schools.	494
at urban vocational and technical schools . . .	708
at rural vocational and technical schools . . .	628
of the total number of those trained at urban and rural vocational and technical schools, those trained at secondary vocational and technical schools	447
at evening (shift) vocational and technical educational institutions.	441

In all vocational and technical educational institutions from 1941 to 1978
inclusively have trained 39 million skilled workers.

Training (Graduation) of Skilled Workers at Vocational and Technical
Educational Institutions by Union Republics
(thousands)

	1950	1965	1970	1975	1976	1977	1978
USSR.	493.4	1100.4	1638.2	2094.3	2119.5	2217.2	2270.8
RSFSR	315.4	699.6	994.6	1230.1	1254.3	1297.9	1322.2
Ukrainian SSR . . .	122.7	182.4	270.7	341.5	335.1	357.5	360.4
Belorussian SSR . .	9.8	32.7	57.7	73.6	74.5	81.4	80.3
Uzbek SSR	5.5	21.1	41.8	74.7	85.7	95.8	101.1
Kazakh SSR.	18.4	88.7	117.8	160.9	156.9	156.2	161.5
Georgian SSR. . . .	5.8	8.9	20.6	25.0	26.0	29.0	30.4
Azerbaijan SSR. . .	7.6	9.4	29.0	42.9	44.6	49.2	52.7
Lithuanian SSR. . .	3.4	8.0	17.1	20.8	19.5	21.3	21.9
Moldavian SSR . . .	1.3	9.7	19.1	27.7	23.5	23.7	26.2

/Table continued on following page/

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	1950	1965	1970	1975	1976	1977	1978
Latvian SSR	4.6	9.4	14.2	19.3	18.3	18.0	19.1
Kirgiz SSR.	1.7	7.8	16.9	24.9	25.3	26.8	28.2
Tadzhik SSR.	1.2	5.9	12.2	13.9	14.3	14.5	15.7
Armenian SSR.	1.8	8.5	15.0	21.7	23.9	26.9	29.0
Turkmen SSR.	1.3	4.8	6.8	10.7	11.3	12.3	15.4
Estonian SSR.	2.9	3.5	4.7	6.6	6.3	6.7	6.7

Training of Machine Operators for Agriculture by Occupations*
(thousands)

	1950	1965	1970	1975	1976	1977	1978
Total machine operators trained.	513	772	794	1197	1207	1271	1370
including:							
tractor driver-mechanics and							
tractor drivers.	329	550	559	718	703	729	796
combine operators, mechanic-							
combine operators and assist-							
ant combine operators.	70	84	63	118	118	146	152
truck drivers.	21	62	81	146	150	158	171

* The cited data include the training of machine operators at vocational and technical educational institutions, as well as directly at kolkhozes, sovkhoses and other agricultural enterprises.

Training and Improvement of Skills of Workers and Employees
at Enterprises, Institutions and Organizations
(millions)

	1940	1965	1970	1975	1976	1977	1978
All workers and employees taught							
new occupations and specialties.	1.9	3.7	5.0	5.7	5.8	5.9	6.0
including workers.	1.6	3.4	4.8	5.5	5.6	5.7	5.8
All workers and employees who							
underwent training to improve							
skills	1.7	9.4	12.1	23.7	25.5	27.2	30.5
including workers.	1.5	7.2	9.0	16.5	17.7	19.9	21.6

Moreover, in 1978 242,000 skilled workers were trained by sectorial (departmental) vocational schools attached to industrial enterprises, as well as by schools and institutions attached to other enterprises.

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Training and Improvement of Skills of Personnel at Kolkhozes (thousands)						
	1965	1970	1975	1976	1977	1978
Taught new occupations.	245	222	352	371	378	428
Underwent training to improve skills. . .	718	1439	2227	2290	2404	2726

Training and Improvement of Skills of Workers and Employees
at Enterprises, Institutions and Organizations
by Union Republics in 1978
(thousands)

	Total workers and employees taught new occupations and specialties	Total workers and employees who underwent training to improve skills
USSR.	5988	30477
RSFSR	3517	18203
Ukrainian SSR	1062	5922
Belorussian SSR	215	1120
Uzbek SSR	214	727
Kazakh SSR.	398	1635
Georgian SSR.	65	238
Azerbaijan SSR.	69	372
Lithuanian SSR.	63	356
Moldavian SSR	88	465
Latvian SSR	64	343
Kirgiz SSR.	68	312
Tadzhik SSR	40	193
Armenian SSR.	64	254
Turkmen SSR	29	113
Estonian SSR.	32	224

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INCREASE OF THE WELL-BEING OF THE PEOPLE

Produced National Income
(in actual prevailing prices)

Years	Billions of rubles	Years	Billions of rubles
1965	193.5	1972	313.6
1966	207.4	1973	337.8
1967	225.5	1974	354.0
1968	244.1	1975	363.3
1969	261.9	1976	385.7
1970	289.9	1977	405.6
1971	305.0	1978	422.5

In 1978 the national income produced in the national economy was 422.5 billion rubles. Of this amount 417.2 billion rubles were used for consumption and accumulation (minus the recovery of losses and the foreign trade balance).

Growth of Produced National Income
(in comparable prices)

Years	Growth rate	Years	Growth rate
	1940 = 100	1970	867
1940	100	1975	1142
1945	83	1976	1209
1946	78	1977	1264
1950	164	1978	1325
1955	281		1970 = 100*
1960	435	1970	100
1965	597	1975	132
1966	645	1976	139
1967	701	1977	146
1968	759	1978	153
1969	795		

* See the growth rate of the national income, which is used for consumption and accumulation, on pages 27, 28.

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Growth Rate of National Income by Union Republics
(1970 = 100)

	1970	1975	1975	1977	1978
USSR.	100	132	139	146	153
RSFSR	100	133	140	147	154
Ukrainian SSR	100	125	133	139	143
Belorussian SSR	100	149	157	165	176
Uzbek SSR	100	139	151	158	163
Kazakh SSR.	100	122	132	129	137
Georgian SSR.	100	131	140	151	160
Azerbaijan SSR.	100	139	152	162	173
Lithuanian SSR.	100	131	135	138	145
Moldavian SSR	100	127	139	143	144
Latvian SSR	100	133	141	145	146
Kirgiz SSR.	100	126	130	134	141
Tadzhik SSR	100	133	136	141	148
Armenian SSR.	100	146	157	168	178
Turkmen SSR	100	131	131	135	138
Estonian SSR.	100	131	140	145	147

National Income by Sectors of the National Economy*
(in actual prevailing prices; billions of rubles)

	1965	1970	1975	1976	1977	1978
Total national income.	193.5	289.9	363.3	385.7	405.6	422.5
including that produced in sectors of the national economy:						
industry	100.1	148.3	191.2	199.7	207.0	216.2
agriculture.	43.6	63.1	61.5	66.2	71.6	73.6
transportation and communications.	11.5	16.3	23.0	23.9	25.1	25.9
construction	17.9	30.0	41.3	43.4	44.6	46.0
trade, procurement, material and technical supply and others.	20.4	32.2	46.3	52.5	57.3	60.8

* Here and in the table on page 33 the data on the national income and the gross national product by sectors of the national economy are cited in actual sale prices. In conformity with this the turnover tax as a portion of the net income, which is realized in the prices of industrial production, is taken into account in industry. If the turnover tax is distributed between agriculture and industry, the amount of the national income, which is created in industry, will accordingly increase, while that created in industry will decrease.

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Use of the National Income for Consumption and Accumulation
(in actual prevailing prices; billions of rubles)

	1965	1970	1975	1976	1977	1978
National income used for consumption and accumulation.	190.5	285.5	363.0	383.0	399.4	417.2
including:						
consumption	140.3	201.3	266.4	279.7	292.5	307.4
accumulation and other expenditures	50.2	84.2	96.6	103.3	106.9	109.8

The consumption fund consists of about three-fourths of the total used national income, while with allowance made for housing, cultural and general construction approximately four-fifths of the national income are allocated directly for the well-being of the people.

Increase of the Real Income of the Population
(per capita; percent)

	1940	1965	1970	1975	1976	1977	1978
Real income of the entire population:							
1940 = 100.	100	298	398	493	511	529	545
1965 = 100.		100	133	165	172	178	183
1970 = 100.			100	124	129	133	137

The income in less well-to-do families has increased more rapidly as compared with the income of the entire population. Whereas in 1965 only 4 percent of the population had an income in excess of 100 rubles a month per family member, in 1978 45 percent did, and by the end of the 10th Five-Year Plan about half the population will have such an income.

The real income of workers and employees per working person in 1978 as compared with 1940 increased 3.8-fold, the real income of kolkhoz farmers increased 6.5-fold.

The convergence of the levels of the real income of kolkhoz farmers with the real income of workers and employees has been ensured as a result of the implementation in recent years of important social measures. The introduction of a guaranteed wage at kolkhozes and of a uniform system of retirement and social security was of great importance. The level of the real income of kolkhoz farmers with respect to the real income of workers and employees per family member increased from 75 percent in 1965 to 88 percent in 1978.

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Increase of the Real Income of the Population of the USSR
as Compared With Prerevolutionary Russia

	How many times greater in 1978 than in 1913
Increase of the real income of workers	
Wage of workers of industry and construction minus taxes, with the addition of pensions, grants, with allowance made for free education, medical treatment and other payments and bene- fits--per worker.	7.1
The same with allowance made for the elimination of unemployment	7.8
The same with allowance made for the shortening of the length of the workday.	10.2
Increase of the real income of peasants*	
Monetary income and income in kind of working peasants from public and private agriculture less taxes and levies--per worker.	10.1
Real income of working peasants from public and private subsidiary agriculture with allowance made for free education and medical treatment, pensions, grants and other payments and bene- fits--per worker.	15.3

* Prerevolutionary peasantry, excluding kulaks.

The increase of the real income of the workers of the USSR as compared with the prerevolutionary period was the result of a number of factors. The monetary wage increased much more than did the prices for goods and the payment for services. The proportion of the expenditures on rent and municipal services in the budget of workers decreased to one-fifth to one-sixth. In addition to the individual wage, the workers of the USSR received considerable amounts from public consumption funds. In the prerevolutionary times the amounts, which were paid to workers in excess of the individual wage, and the assets, which were spent on free education and medical assistance to the families of workers, were extremely negligible.

According to rough estimates all the payments and benefits, which are received by workers of industry and construction in excess of the individual wage, increased in 1978 as compared with 1913 in comparable prices by more than 30-fold.

When calculating the real income it was taken into account that unemployment has been completely eliminated in the USSR. It is also necessary to bear in mind that in the USSR the workday is considerably shorter than in prerevolutionary Russia, and, consequently, the worker receives a higher wage per hour of labor.

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The standard of living of the working peasants in prerevolutionary Russia was extremely low. All kinds of payments and levies (land and other taxes, rent and insurance payments, various duties and so on), the total amount of which came to about 20 percent of their income from agriculture, befell them. At present the taxes and levies paid by kolkhoz farmers constitute only about 3 percent of their income.

The length of the workday of peasants in prerevolutionary Russia on the average during the year was about 11 hours, and in the summer was up to 16 hours a day. At present the agricultural operations at kolkhozes have been extensively mechanized, two-shift work has been introduced in many work processes, which has made it possible to shorten the length of the workday of the kolkhoz farmer. Now the length of the workday of the kolkhoz farmer in the public sector of kolkhozes, according to the data of annual reports, is on the average during the year approximately 7 hours.

In the prerevolutionary countryside the cultural level of the population was also extremely low. The overwhelming majority of peasants were illiterate. Many peasants did not have an opportunity to educate their children even in elementary school.

Now the payments and benefits to the kolkhoz peasantry from public consumption funds, including pensions, grants for temporary disability, grants to mothers with many children, expenditures on free education, free medical aid and other types of sociocultural service, has increased per working person as compared with 1913 in comparable prices by more than 50-fold.

The implementation during the Ninth Five-Year Plan of the most extensive social program in the entire history of the country was of enormous importance in the matter of increasing the well-being of the people. As much capital was allocated during the Ninth Five-Year Plan to implement new social measures as was allocated during the two preceding five-year plans taken together.

New social measures, which were stipulated by the decisions of the 25th CPSU Congress, are being implemented.

Payments and Benefits Received by the Population From Public
Consumption Funds

	1940	1965	1970	1975	1976	1977	1978
Payments and benefits--total, billions of rubles.	4.6	41.9	63.9	90.1	95.0	99.8	105.5
including:							
education (free education, cul- tural and educational work) . .	2.0	13.2	18.7	25.1	26.5	27.7	29.1
including stipends.	0.2	0.9	1.3	2.2	2.2	2.3	2.4

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
health and physical culture (free medical aid, sanitary and health resort service, physical education and others).	1.0	6.9	10.0	12.9	13.7	14.5	15.6
social security and social insurance.	0.9	14.4	22.8	34.6	36.7	38.2	40.3
including:							
pensions	0.3	10.6	16.2	24.4	25.7	27.1	28.9
grants	0.5	3.5	6.1	9.2	9.9	10.0	10.2
state expenditures on hous- ing maintenances (for the portion not covered by low rent).	0.1	2.3	3.4	4.9	5.2	5.6	6.0
Per capita payments and bene- fits, rubles	24	182	263	354	370	385	404

The population is provided with free education and the improvement of skills, free medical aid, grants, pensions, stipends to students, annual paid leaves, free and concessionary vacations at sanatoriums and holiday homes, the support of children in preschool institutions and a number of other payments and benefits from public consumption funds. In 1978 monetary payments made up more than 50 percent of the total amount of payments and benefits.

The state expenditures per student per year are: at general educational schools--more than 180 rubles, at secondary specialized educational institutions--670 rubles, at higher educational institutions--more than 1,000 rubles. More than 550 rubles are spent a year to support a child at nurseries, while more than 470 rubles are spent to support a child at kindergartens, and 80 percent of the expenses are paid for by the state. The state allocates more than 9 rubles a day to support a patient.

Two-thirds of the expenditures on housing management are covered by the state.

In conformity with the Directives of the 24th CPSU Congress in 1971-1975 the pensions, grants, stipends and other payments from public consumption funds were increased for approximately 40 million people. In conformity with the decisions of the 25th CPSU Congress new measures are being implemented. In 1976-1978 the further improvement of the pension security of some categories of workers of individual sectors of the national economy was carried out. The norms of the expenditures on food and the purchase of medicines have been increased at a number of health institutions and homes for invalids and the elderly. Supplementary payments to the stipends of some categories of students of vocational and technical schools have been established. The free supply of textbooks to students of the first grades of general educational schools was introduced on 1 September 1978.

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Budget of the Family of the Industrial Worker and Kolkhoz Farmer

The USSR Central Statistical Administration is systematically conducting a sample survey of the budgets of 62,000 families for the purpose of studying the material and cultural standard of living of the population.

Data, which characterize the change in the structure of the total income and expenditures of the surveyed families, are cited below. The total income of the family is the sum of the monetary income and income in kind (in monetary valuation) from state and cooperative enterprises and organizations, from kolkhozes, from the private subsidiary sector, as well as the payments and benefits received from public consumption funds (including free education and medical aid).

Structure of the Income and Expenditures of the Family
of an Industrial Worker
(percent)

	1940	1965	1970	1975	1978
Total income of the family.	100	100	100	100	100
including:					
wages of family members	71.3	73.1	74.4	74.3	74.3
pensions, stipends, grants and other payments and benefits from public consumption funds (including free education, medical treatment and others)	14.5	22.8	22.1	22.5	22.7
income from the private subsidiary sector.	9.2	1.7	1.3	0.9	0.8
income from other sources	5.0	2.4	2.2	2.3	2.2
Use of total income	100	100	100	100	100
including:					
for food.	53.8	37.9	35.7	32.9	32.0
for the purchase of:					
fabrics, clothing and shoes	11.1	13.9	15.5	15.4	15.7
furniture, cultural and everyday items (including bicycles, motorcycles and so forth)	1.7	6.1	5.8	6.5	6.6
fuel.	1.2	0.4	0.3	0.2	0.2
for sociocultural and personal services	17.5	24.2	23.3	23.0	22.8
of them:					
education, medical treatment and other free services at the expense of public consumption funds	9.0	13.8	13.9	13.8	13.6
rent, payment for municipal services and maintenance of private homes.	2.7	2.5	2.5	2.5	2.5
accumulation (increase of cash, savings deposits and others).	4.8	3.4	4.6	6.8	7.2
taxes	4.1	7.1	7.9	8.4	8.7
other expenditures.	5.8	7.0	6.9	6.8	6.8

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Structure of the Income and Expenditures
of the Family of a Kolkhoz Farmer
(percent)

	1940	1965	1970	1975	1978
Total income of the family.	100	100	100	100	100
including:					
income from the kolkhoz	39.7	40.0	40.3	44.0	44.5
wages of family members	5.8	7.4	8.4	8.1	8.7
pensions, stipends, grants and other pay-					
ments and benefits from public consumption					
funds (including free education, medical					
treatment and others)	4.9	14.2	17.7	21.1	20.4
income from the private subsidiary sector .	48.3	36.5	31.9	25.4	25.2
income from other sources	1.3	1.9	1.7	1.4	1.2
Use of total income	100	100	100	100	100
including:					
for food.	67.3	45.2	40.4	37.1	34.4
for the purchase of:					
fabrics, clothing and shoes	10.9	13.7	15.7	15.7	15.6
furniture, cultural and everyday items					
(including bicycles, motorcycles and					
so forth)	1.2	4.2	4.9	5.9	5.9
fuel.	3.8	2.0	1.8	1.6	1.8
for sociocultural and personal services . .	4.4	12.5	13.6	15.4	14.9
of them education, medical treatment and					
other free services at the expense of					
public consumption funds.	3.4	10.0	10.8	12.3	11.7
accumulation (increase of cash, savings					
deposits and others).	6.9	12.1	10.6	10.1	13.1
taxes	1.4	1.4	1.3	1.2	1.3
other expenditures.	4.1	8.9	11.7	13.0	13.0

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Placement of Housing Into Operation
(millions of m² of total useful area of housing)

	Total built	including		
		by state and cooperative enterprises and organizations and housing cooperatives	by workers and employees at their own expense and with the aid of state credit	by kolkhozes, kolkhoz farmers and rural intelligentsia
Total for 1918-1978.	3301.6	1889.6	555.5	856.5
1918-1928.	203.0	23.7	27.5	151.8
First Five-Year Plan (1929-1932) . .	56.9	32.6	7.6	16.7
Second Five-Year Plan (1933-1937). .	67.3	37.2	7.1	23.0
Three and a half years of Third Five-Year Plan (1938-first half of 1941)	81.7	34.4	10.9	36.4
Four and a half years (from 1 July 1941 to 1 January 1946)*	102.5	41.3	13.6	47.6
Fourth Five-Year Plan (1946-1950). .	200.9	72.4	44.7	83.8
Fifth Five-Year Plan (1951-1955) . .	240.5	113.0	65.1	62.4
Sixth Five-Year Plan (1956-1960) . .	474.1	224.0	113.8	136.3
Seventh Five-Year Plan (1961-1965) .	490.6	300.4	94.0	96.2
including 1965	97.6	63.2	16.1	18.3
Eighth Five-Year Plan (1966-1970). .	518.5	352.5	72.8	93.2
including 1970	106.0	76.6	13.0	16.4
Ninth Five-Year Plan (1971-1975) . .	544.8	407.3	64.3	73.2
including 1975	109.9	83.3	12.6	14.0
Three years of the 10th Five-Year Plan (1976-1978)	320.8	250.8	34.1	35.9
1976	106.2	82.7	11.4	12.1
1977	107.8	84.2	11.5	12.1
1978	106.8	83.9	11.2	11.7

* Including restoration.

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Placement of Housing Into Operation in Urban Settlements and Rural Areas

	Total housing built, mil- lions of m ² of total (use- ful) area	including		
		by state and cooperative enterprises and organ- izations and housing cooperatives	by workers and employees at their own expense and with the aid of state credit	by kolkhoses, kolkhoz farmers and rural intel- ligentsia
Total in urban settlements and rural areas				
1950.	40.4	17.8	10.1	12.5
Fifth Five-Year Plan.	240.5	113.0	65.1	62.4
Sixth Five-Year Plan.	474.1	224.0	113.8	136.3
Seventh Five-Year Plan.	490.6	300.4	94.0	96.2
including 1965.	97.6	63.2	16.1	18.3
Eighth Five-Year Plan	518.5	352.5	72.8	93.2
including 1970.	106.0	76.6	13.0	16.4
Ninth Five-Year Plan.	544.8	407.3	64.3	73.2
including 1975.	109.9	83.3	12.6	14.0
Three years of the 10th Five-Year Plan	320.8	250.8	34.1	35.9
1976.	106.2	82.7	11.4	12.1
1977.	107.8	84.2	11.5	12.1
1978.	106.8	83.9	11.2	11.7
In urban settlements				
1950.	20.7	14.3	6.4	--
Fifth Five-Year Plan.	129.8	91.0	38.8	--
Sixth Five-Year Plan.	241.7	181.0	60.7	--
Seventh Five-Year Plan.	291.6	240.8	50.8	--
including 1965.	60.7	52.7	8.0	--
Eighth Five-Year Plan	335.5	299.1	36.4	--
including 1970.	71.3	64.7	6.6	--
Ninth Five-Year Plan.	377.4	345.0	32.4	--
including 1975.	76.3	69.6	6.7	--
Three years of the 10th Five-Year Plan	229.7	210.8	18.9	--
1976.	75.9	69.5	6.4	--
1977.	77.2	70.9	6.3	--
1978.	76.6	70.4	6.2	--

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	Total housing built, mil- lions of m ² of total (use- ful) area	including		
		by state and cooperative enterprises and organ- izations and housing cooperatives	by workers and employees at their own expense and with the aid of state credit	by kolkhozes, kolkhoz farmers and rural intel- ligentsia
In rural areas				
1950.	19.7	3.5	3.7	12.5
Fifth Five-Year Plan.	110.7	22.0	26.3	62.4
Sixth Five-Year Plan.	232.4	43.0	53.1	136.3
Seventh Five-Year Plan.	199.0	59.6	43.2	96.2
including 1965.	36.9	10.5	8.1	18.3
Eighth Five-Year Plan.	183.0	53.4	36.4	93.2
including 1970.	34.7	11.9	6.4	16.4
Ninth Five-Year Plan.	167.4	62.3	31.9	73.2
including 1975.	33.6	13.7	5.9	14.0
Three years of the 10th Five-Year Plan.	91.1	40.0	15.2	35.9
1976.	30.3	13.2	5.0	12.1
1977.	30.6	13.3	5.2	12.1
1978.	30.2	13.5	5.0	11.7

Number of Built Apartments and Their Total (Useful) Area

	Total apartments built, thousands	including			Total (useful) area of all apartments, millions of m ²
		by state and coop- erative enter- prises and organ- izations and hous- ing cooperatives	by workers and em- ployees at their own expense and with the aid of state credit	by kolkhozes, kol- khoz farmers and rural intelli- gentsia	
1950.	1073	412	306	355	40.4
Fifth Five-Year Plan.	6052	2598	1816	1638	240.5
Sixth Five-Year Plan.	11292	5126	2806	3360	474.1
Seventh Five-Year Plan.	11551	7319	2082	2150	490.6
including 1965.	2227	1511	336	380	97.6

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	Total apartments built, thousands	including			Total (useful) area of all apartments, millions of m ²
		by state and coop- erative enter- prises and organ- izations and hous- ing cooperatives	by workers and em- ployees at their own expense and with the aid of state credit	by kolchozes, kol- hoz farmers and rural intelli- gentsia	
Eighth Five-Year Plan. . .	11333	8141	1437	1755	518.5
including 1970	2266	1723	246	297	106.0
Ninth Five-Year Plan	11224	8859	1116	1249	544.8
including 1976	2228	1778	215	235	109.9
Three years of the 10th Five-Year Plan	6304	5149	558	597	320.8
1976	2113	1720	190	203	106.2
1977	2111	1726	187	198	107.8
1978	2080	1703	181	196	106.8

Number of Built Apartments by Union Republics
(thousands)

	1950	1965	1970	1975	1976	1977	1978
USSR.	1073	2227	2266	2228	2113	2111	2080
RSFSR	628.6	1298.6	1317.0	1327.9	1255.7	1256.1	1234.8
Ukrainian SSR	189.1	403.3	383.9	378.4	356.4	355.0	344.6
Belorussian SSR . . .	44.3	73.8	89.7	84.2	76.2	78.4	78.7
Uzbek SSR	43.0	77.6	94.2	87.0	91.0	88.2	95.4
Kazakh SSR.	59.1	139.8	124.9	122.8	113.0	115.1	111.5
Georgian SSR.	16.4	28.1	29.2	26.3	25.3	24.4	24.7
Azerbaijan SSR. . . .	20.2	41.4	32.4	30.5	28.5	25.0	25.1
Lithuanian SSR. . . .	4.1	25.3	34.7	36.3	34.7	35.7	33.3
Moldavian SSR	7.7	24.1	29.4	28.7	27.3	27.2	24.8
Latvian SSR	3.5	16.0	21.2	21.0	20.2	21.0	18.5
Kirgiz SSR.	13.9	22.0	24.9	16.1	18.0	16.7	19.8
Tadzhik SSR	14.9	21.7	22.8	22.1	20.4	20.7	21.5
Armenian SSR.	9.9	26.8	24.3	19.0	17.8	18.4	16.7
Turkmen SSR	14.2	16.5	19.4	14.0	14.2	13.8	15.8
Estonian SSR.	4.1	12.0	15.3	13.2	12.8	13.8	13.0

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	1950	1965	1970	1975	1976	1977	1978
USSR*	2291	9589	13364	16265	16504	17013	17522
RSFSR	1445	5957	8102	9971	10106	10399	10727
Ukrainian SSR	412	1443	1883	2394	2355	2458	2499
Belorussian SSR . . .	70	267	450	557	559	582	617
Uzbek SSR	52	282	545	623	698	737	781
Kazakh SSR.	116	732	901	1069	1083	1088	1112
Georgian SSR.	44	131	192	210	218	220	236
Azerbaijan SSR. . . .	36	123	160	162	170	163	174
Lithuanian SSR. . . .	9	106	206	261	277	293	281
Moldavian SSR	11	83	142	185	186	210	203
Latvian SSR	11	81	136	166	166	168	165
Kirgiz SSR.	16	78	134	120	130	131	146
Tadzhik SSR	14	77	117	141	142	149	150
Armenian SSR.	20	111	157	157	155	156	161
Turkmen SSR	22	61	120	127	134	132	140
Estonian SSR.	13	57	105	113	114	117	118

Placement of Housing Into Operation by Union Republics

* See footnote above.
/Table continued on following page/

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	1950	1965	1970	1975	1976	1977	1978
							Total placed into operation including by state and cooperative enterprises and organizations and housing cooperatives
Belorussian SSR . .	1688	3282	4328	4346	4032	4219	4220
Uzbek SSR	1698	3574	5076	4891	5241	5349	5583
Kazakh SSR.	2103	6333	5950	6066	6125	6185	6087
Georgian SSR.	783	1559	1847	1709	1666	1584	1655
Azerbaijan SSR. . .	659	1646	1518	1503	1449	1280	1414
Lithuanian SSR. . .	180	1143	1824	2051	1984	2100	1929
Moldavian SSR . . .	280	1062	1462	1507	1430	1601	1396
Latvian SSR	154	709	965	1114	1071	1125	999
Kirgiz SSR.	477	1022	1310	925	1011	972	1117
Tadzhik SSR	544	916	1133	1133	1102	1161	1167
Armenian SSR. . . .	406	1295	1301	1195	1129	1183	1095
Turkmen SSR	560	808	1083	986	1037	991	1031
Estonian SSR. . . .	175	529	765	722	730	780	745

Number of People Who Improved Their Housing Conditions
(millions)

	Number of people who received living space or built their own apartments	including received living space or built own apartments in new houses	received or expanded their living space in previously built houses
1950.	5.3	4.0	1.3
Fifth Five-Year Plan.	30.6	22.5	8.1
Sixth Five-Year Plan.	54.0	41.7	12.3
Seventh Five-Year Plan	54.6	42.7	11.9
including 1965. . .	10.8	8.2	2.6
Eighth Five-Year Plan	54.9	42.1	12.8
including 1970. . .	11.2	8.4	2.8
Ninth Five-Year Plan.	56.1	41.5	14.6
including 1975. . .	11.0	8.2	2.8
Three years of 10th Five-Year Plan. . . .	31.6	23.3	8.3
1976.	10.5	7.8	2.7
1977.	10.6	7.8	2.8
1978.	10.5	7.7	2.8

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Urban Housing (at end of the year; millions of m ² of total <u>useful</u> area of housing)								
	1913	1940	1965	1970	1975	1976	1977	1978
All urban housing.	180	421	1238	1529	1867	1932	2001	2070
including:								
socialized	--	267	806	1072	1385	1446	1510	1574
private property of citizens in 1913, including private capital- ist property and houses of in- stitutions	180	154	432	457	482	486	491	496

The use of new standard plans, which provide for the better layout of apartments and their greater comfort, has been expanded in housing construction.

In the USSR rent has remained unchanged since 1928 and does not exceed on the average 3 percent of the income in the families of workers. The payment of the population for housing and municipal services is less than one-third of the expenditures for these purposes.

Urban Housing by Union Republics (at end of the year; millions of m ² of total <u>useful</u> area of housing)						
	1960	1970	1975	1976	1977	1978
USSR.	1238	1529	1867	1932	2001	2070
RSFSR	736.6	911.2	1109.2	1146.0	1185.8	1225.2
Ukrainian SSR	258.9	313.3	375.8	389.0	402.1	415.4
Belorussian SSR	32.4	43.5	57.6	60.3	63.3	66.4
Uzbek SSR	29.4	35.9	48.8	51.2	53.8	56.9
Kazakh SSR.	51.5	65.3	80.7	83.8	86.9	90.0
Georgian SSR.	22.8	27.7	33.3	34.4	35.4	36.5
Azerbaijan SSR.	20.4	24.4	28.5	29.4	30.2	31.1
Lithuanian SSR.	13.8	18.4	23.9	25.0	26.1	27.3
Moldavian SSR	9.0	11.8	15.5	16.2	16.9	17.6
Latvian SSR	17.8	20.9	24.5	25.1	25.8	26.4
Kirgiz SSR.	7.8	9.9	12.2	12.6	13.0	13.5
Tadzhik SSR	7.5	9.8	11.9	12.0	12.2	12.6
Armenian SSR.	11.2	14.7	18.7	19.5	20.3	21.0
Turkmen SSR	8.4	10.4	12.4	12.9	13.3	13.8
Estonian SSR.	10.2	12.3	14.5	15.0	15.6	16.1

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Urban Socialized Housing by Union Republics
(at end of the year; millions of m² of total /useful/ area of housing)

	1965	1970	1975	1976	1977	1978
USSR.	806	1072	1385	1446	1510	1574
RSFSR	526.7	694.0	889.4	926.5	966.4	1005.6
Ukrainian SSR	138.5	181.7	231.6	242.1	252.8	263.3
Belorussian SSR	18.9	28.5	41.4	43.8	46.7	49.5
Uzbek SSR	13.5	20.6	31.2	33.0	35.0	37.0
Kazakh SSR.	29.8	42.4	56.5	59.5	62.5	65.5
Georgian SSR.	11.2	14.6	19.0	19.9	20.8	21.7
Azerbaijan SSR.	13.5	16.8	20.1	20.9	21.5	22.3
Lithuanian SSR.	9.2	13.2	18.0	18.9	19.9	20.9
Moldavian SSR	4.6	6.9	9.9	10.5	11.1	11.7
Latvian SSR	13.5	16.3	19.5	20.1	20.7	21.3
Kirgiz SSR.	3.8	5.5	7.4	7.7	8.0	8.4
Tadzhik SSR	4.3	6.2	8.2	8.4	8.5	9.0
Armenian SSR.	6.0	9.3	13.0	13.8	14.6	15.3
Turkmen SSR	5.2	7.0	8.8	9.2	9.6	10.0
Estonian SSR.	7.5	9.3	11.3	11.7	12.2	12.7

Urban Housing Privately Owned by Citizens by Union Republics
(at end of the year; millions of m² of total /useful/ area of housing)

	1965	1970	1975	1976	1977	1978
USSR.	432	457	482	486	491	496
RSFSR	209.9	217.2	219.8	219.5	219.4	219.6
Ukrainian SSR	120.4	131.6	144.2	146.9	149.3	152.1
Belorussian SSR	13.5	15.0	16.2	16.5	16.6	16.9
Uzbek SSR	15.9	15.3	17.6	18.2	18.8	19.9
Kazakh SSR.	21.7	22.9	24.2	24.3	24.4	24.5
Georgian SSR.	11.6	13.1	14.3	14.5	14.6	14.8
Azerbaijan SSR.	6.9	7.6	8.4	8.5	8.7	8.8
Lithuanian SSR.	4.6	5.2	5.9	6.1	6.2	6.4
Moldavian SSR	4.4	4.9	5.6	5.7	5.8	5.9
Latvian SSR	4.3	4.6	5.0	5.0	5.1	5.1
Kirgiz SSR.	4.0	4.4	4.8	4.9	5.0	5.1
Tadzhik SSR	3.2	3.6	3.7	3.6	3.7	3.6
Armenian SSR.	5.2	5.4	5.7	5.7	5.7	5.7
Turkmen SSR	3.2	3.4	3.6	3.7	3.7	3.8
Estonian SSR.	2.7	3.0	3.2	3.3	3.4	3.4

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Sources of the Increase of Urban Housing by Union Republics
(thousands of m² of total useful area of housing)

	Increase of urban housing	Increase of urban housing due to		
		new construction	transformation of rural population centers into urban population centers	Retirement of urban housing due to wear and for other reasons
USSR*				
1965.	55689	60726	5919	10956
1970.	60025	71195	1579	12749
1975.	67119	76250	1903	11034
1976.	64941	75920	2073	13052
1977.	68258	77120	1659	10521
1978.	69147	76583	2914	10350
1965-1978--total.	887797	1002606	38492	153301
including:				
RSFSR	521956	607224	16231	101499
Ukrainian SSR	167353	179292	8294	20233
Belorussian SSR	35592	37234	909	2551
Uzbek SSR	28791	30893	6245	8347
Kazakh SSR.	40998	46723	2262	7987
Georgian SSR.	14523	14901	1021	1399
Azerbaijan SSR.	11615	12368	482	1235
Lithuanian SSR.	14236	15425	220	1409
Moldavian SSR	9580	9587	1103	1110
Latvian SSR	9070	10237	224	1391
Kirgiz SSR.	5954	6466	255	767
Tadzhik SSR	5571	6482	560	1471
Armenian SSR.	10580	11733	466	1619
Turkmen SSR	5815	6886	102	1173
Estonian SSR.	6163	7155	118	1110

* The placement into operation of the total (useful) area of apartment houses, which in part is not broken down by republics, is not included for the USSR for 1970-1978 with respect to new construction.

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Housing of Capitals of Union Republics and Major Cities of the USSR
(at end of the year; thousands of m² of total /useful/ area of housing)

	1940*	1965	1970	1975	1976	1977	1978
Moscow.	28165	78537	97713	117030	120679	124527	128090
Kiev.	6660	16390	21264	27200	28212	29380	30457
Minsk.	1804	6915	10051	14052	14748	15518	16308
Tashkent.	4025	9674	11350	15316	16022	16721	17467
Alma-Ata.	1320	6010	7730	9770	10143	10605	11001
Tbilisi.	4609	7891	9772	12242	12690	13180	13681
Baku.	5830	11020	13061	14970	15434	15815	16243
Vil'nyus.	...	3296	4467	5616	5844	6104	6343
Kishinev.	...	2909	3936	5453	5715	6033	6260
Riga.	...	8494	9970	11676	11928	12202	12473
Frunze.	568	3032	3986	4935	5093	5257	5452
Dushanbe.	457	2703	3440	4351	4487	4617	4787
Yerevan.	1350	5722	7368	9365	9771	10238	10587
Ashkhabad.	806	2063	2495	2889	3019	3101	3231
Tallin.	...	4025	4966	6084	6309	6539	6755
Barnaul.	657	3267	4437	5705	5914	6137	6399
Vladivostok.	1126	3794	4784	6163	6410	6618	6838
Volgograd.	3033	7482	9386	11262	11566	11909	12242
Voronezh.	2014	6039	7286	8786	9134	9508	9785
Gor'kiy.	4275	10191	12712	15278	15804	16249	16751
Dnepropetrovsk.	3860	8238	10122	12393	12918	13962	14530
Donetsk.	3180	9815	11668	13546	13813	14151	14443
Zaporozh'ye.	1832	5863	7498	9201	9565	9904	10208
Izhevsk.	851	2784	3933	5210	5499	5796	6082
Irkutsk.	1400	3883	4971	6171	6418	6668	6945
Kazan'.	2640	6603	8361	10143	10565	10976	11392
Karaganda.	434	4396	5331	6163	6330	6490	6696
Krasnodar.	1231	4170	5311	6490	6678	6946	7185
Krasnoyarsk.	994	5129	6840	8626	8996	9393	9765
Krivoy Rog.	804	6044	7357	8851	9150	9469	9757
Kuybyshev.	2435	8657	10999	13334	13810	14310	14784
Leningrad.	25700	39153	47976	57998	60166	62045	63765
L'vov.	3027	5274	6413	7767	8020	8289	8521
Novokuznetsk.	865	5036	6154	6817	6930	7121	7297
Novosibirsk.	2440	9903	12370	15243	15590	16145	16643
Odessa.	5450	8117	10066	11833	12124	12519	12829
Omsk.	1688	6645	8860	11105	11593	12054	12520
Perm'.	1650	7266	9087	10846	11204	11551	11868
Rostov-na-Donu.	4265	6997	8623	10443	10687	11071	11376
Saratov.	2647	6496	8103	9788	10029	10393	10714
Sverdlovsk.	2881	9271	11720	14148	14601	15141	15652
Tol'yatti.	...	1228	2779	5178	5514	5918	6320

* At the beginning of the year.

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	1940*	1965	1970	1975	1976	1977	1978
Tula.	1475	4424	5360	6346	6594	6801	6939
Ufa	1265	5800	7573	9446	9818	10089	11405
Khabarovsk.	972	3948	5082	6380	6507	6767	6953
Khar'kov.	6564	11381	14557	18155	18853	19550	20298
Chelyabinsk	1725	8257	10129	12229	12615	13057	13422
Yaroslavl'.	1664	4450	5631	6999	7252	7546	7791

* At the beginning of the year.

In 1913 the housing of Moscow made up 16.8 million m² of total (useful) area, including 11.9 million m² of living space. At the end of 1978 the housing of Moscow made up 128.1 million m² of total (useful) area, including 85.1 million m² of living space.

Number of Apartments Supplied With Gas by Union Republics
(at end of the year; thousands)

	1965	1970	1975	1976	1977	1978
USSR--total.	10433.5	23381.5	41665.4	45254.8	48226.0	50924.1
including:						
in urban settlements	9733.1	18734.8	28877.1	30740.0	32387.8	33884.0
in rural areas	700.4	4646.7	12788.3	14514.8	15838.2	17040.1
Of the total number of apartments supplied with gas by union republics:						
RSFSR.	5482.1	11670.9	21449.3	23267.1	24870.4	26255.9
Ukrainian SSR.	2186.6	4882.7	8917.9	9809.4	10374.9	10886.5
Belorussian SSR.	313.3	808.2	1579.2	1738.3	1909.6	2061.1
Uzbek SSR.	409.6	1050.1	1735.3	1885.4	2030.0	2222.6
Kazakh SSR	490.2	1464.5	2363.2	2507.7	2658.9	2773.7
Georgian SSR	207.6	593.5	939.7	987.7	1030.4	1072.3
Azerbaijan SSR	377.6	521.0	789.6	842.9	898.0	954.1
Lithuanian SSR	145.6	375.1	614.8	664.5	712.8	753.4
Moldavian SSR.	165.4	351.5	634.8	736.0	821.2	880.9
Latvian SSR.	159.1	368.7	564.4	598.6	630.1	657.1
Kirgiz SSR	82.9	313.7	544.6	603.5	611.9	634.9
Tadzhik SSR.	68.2	189.6	362.2	388.4	410.9	447.2
Armenian SSR	146.6	319.1	486.4	512.7	535.3	546.4
Turkmen SSR.	104.3	247.1	350.3	364.9	374.6	408.1
Estonian SSR	94.4	225.8	333.7	347.7	357.0	369.9

At the end of 1978 the level of supply of housing with gas in cities and urban-type settlements was 74 percent, while in rural areas it was 69 percent.

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Placement of General Educational Schools Into Operation									
	Total placed into operation			including			Of the total number those put into operation in rural areas		
	number of schools	student places at them, thousands	number of schools	student places at them, thousands	by state and cooperative enterprises and organizations	by kolkhozes	number of schools	student places at them, thousands	student places at them, thousands
1950.	3865	554	919	280	2946	274	3310	356	
Fifth Five-Year Plan	11627	2591	5819	1912	5808	679	7310	1058	
Sixth Five-Year Plan	23238	4775	9510	3175	13728	1600	18857	2696	
Seventh Five-Year Plan.	27977	8655	14088	6460	13889	2195	21696	4626	
including 1965.	4753	1724	2646	1319	2107	405	3647	920	
Eighth Five-Year Plan.	21809	8078	10554	5811	11255	2267	17750	4604	
including 1970.	3801	1576	1996	1154	1805	422	3039	893	
Ninth Five-Year Plan	16367	8002	10783	6500	5584	1502	12737	4470	
including 1975.	3206	1743	2492	1516	714	227	2551	1040	
Three years of 10th Five-Year Plan.	7377	4345	5895	3849	1482	496	5591	2498	
1976.	2712	1556	2151	1367	561	189	2081	913	
1977.	2443	1452	1939	1288	504	164	1853	840	
1978.	2222	1337	1805	1194	417	143	1657	745	

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Placement of Preschool and Hospital Institutions Into Operation						
	Preschool institutions, thousands of places		Hospital institutions, thousands of beds		by kol-khozes and organizations	
	Total placed into operation	including by state and cooperative enterprises	Total placed into operation	including by state and cooperative enterprises	by kol-khozes	by kol-khozes
Sixth Five-Year Plan. . . .	1525	925	202	169	33	33
Seventh Five-Year Plan. . . .	2431	1846	300	255	45	45
including 1965.	549	435	66	58	8	8
Eighth Five-Year Plan. . . .	2510	1979	294	256	38	38
including 1970.	484	395	70	64	6	6
Ninth Five-Year Plan.	2276	1937	346	323	23	23
including 1975.	516	443	76	71	5	5
Three years of the 10th Five-Year Plan.	1680	1451	193	177	16	16
1976.	524	452	63	58	5	5
1977.	588	509	66	59	7	7
1978.	568	490	64	60	4	4

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Placement of Preschool Institutions Into Operation by Union Republics
(thousands of places)

	1965	1970	1975	1976	1977	1978	
						Total built	including by state and cooperative enterprises and organizations
USSR.	549	484	516	524	588	568	490
RSFSR	307.4	261.6	272.3	282.1	334.9	310.2	278.3
Ukrainian SSR	113.3	84.5	78.5	99.7	101.8	96.6	77.5
Belorussian SSR	17.8	21.7	22.1	20.2	23.8	22.8	18.7
Uzbek SSR	20.7	21.7	43.3	35.4	41.7	46.8	34.1
Kazakh SSR.	30.2	33.0	35.4	29.0	31.5	35.5	33.3
Georgian SSR.	5.6	6.7	4.5	6.1	5.7	6.8	6.3
Azerbaijan SSR.	5.6	6.0	6.0	4.9	3.4	5.4	5.3
Lithuanian SSR.	6.6	7.8	13.4	8.7	9.5	8.4	7.4
Moldavian SSR	11.3	7.8	11.1	9.5	9.0	10.3	8.5
Latvian SSR	5.7	5.4	5.6	5.2	5.2	4.1	3.2
Kirgiz SSR.	7.5	4.8	4.8	4.0	5.0	3.4	3.0
Tadzhik SSR	5.3	5.6	4.2	4.5	3.1	5.4	4.2
Armenian SSR.	4.0	8.6	7.5	6.8	5.5	4.8	4.5
Turkmen SSR	3.7	5.3	4.8	5.9	4.9	5.6	4.2
Estonian SSR.	4.0	3.7	3.1	2.3	2.8	2.4	1.8

Placement of Hospital Institutions Into Operation by Union Republics
(number of beds)

	1965	1970	1975	1976	1977	1978	
						Total built	including by state and cooperative enterprises and organizations
USSR.	65285	69966	76531	63181	65696	64435	60059
RSFSR	35831	36586	40873	34407	32591	35654	34582
Ukrainian SSR	13114	10592	17073	11708	12986	10581	8663

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	1965	1970	1975	1976	1977	1978	
						Total built	including by state and cooperative enterprises and organizations
Belorussian SSR.	2248	2942	1526	2510	3195	2759	2509
Uzbek SSR.	2164	3939	4531	2902	5959	6060	5490
Kazakh SSR.	4288	5936	3489	2918	2786	2270	2230
Georgian SSR.	1445	1680	1810	2444	1397	1226	1220
Azerbaijan SSR.	870	1257	1215	729	754	615	615
Lithuanian SSR.	988	870	1490	1049	851	810	810
Moldavian SSR.	816	815	1317	793	1808	769	564
Latvian SSR.	503	591	460	510	220	628	628
Kirgiz SSR.	762	805	626	615	506	1283	1163
Tadzhik SSR.	682	1245	900	945	915	830	720
Armenian SSR.	744	1330	191	1040	1111	435	420
Turkmen SSR.	830	744	870	584	120	190	120
Estonian SSR.	--	634	160	27	497	325	325

Placement of Enterprises of Retail Trade and Public Dining
Into Operation by State and Cooperative Enterprises and Organizations
(Excluding Kolkhozes)

	1965	1970	1975	1976	1977	1978
State and cooperative trade:						
number of trade enterprises, thousands.	11.6	10.5	6.9	6.7	6.5	6.3
their trade area, thousands of m ²	1079.3	1428.6	1475.4	1505.7	1541.9	1466.7
number of enterprises of public dining, thousands.	3.3	4.4	3.4	3.4	3.1	3.1
seats at them, thousands . . .	239.6	364.5	361.1	357.4	319.1	305.0
Of the total of state and cooperative trade, consumer cooperatives:						
number of trade enterprises, thousands.	8.0	6.4	4.1	3.9	3.8	3.6
their trade area, thousands of m ²	409.5	526.0	648.5	685.0	720.5	713.8
number of enterprises of public dining, thousands.	0.9	1.3	0.7	0.6	0.7	0.7
seats at them, thousands . . .	40.9	72.6	44.8	42.4	51.0	47.0

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Growth of Retail Commodity Turnover and Trade Network

	1940	1965	1970	1975	1976	1977	1978
Retail commodity turnover of state and cooperative trade (in comparable prices; 1940 = 100).	100	423	628	854	893	934	970
Per capita commodity turnover (in comparable prices; 1940 = 100).	100	358	505	655	680	704	726
including in rural areas.	100	396	601	818	840	886	913
Per 10,000 people there were:							
enterprises of retail trade	21	28	28	27	27	27	27
trade area in stores, m ²	620	1066	1290	1537	1578	1621	1661
enterprises of public dining.	4	8	10	11	11	11	11
number of seats at enterprises of public dining	112	295	411	536	560	582	606

Increase of the Sale of the Most Important Consumer Goods
in State and Cooperative Trade, Including Public Dining
(in comparable prices; 1940 = 1)

	1940	1965	1970	1975	1976	1977	1978
All goods.	1	4.2	6.3	8.5	8.9	9.3	9.7
Foodstuffs	1	3.5	5.0	6.4	6.7	6.9	7.1
Meat and meat products	1	6.6	9.6	14	14	14	14
Fish and fish products	1	5.5	7.3	8.6	9.8	9.8	9.7
Animal oil	1	5.1	6.6	8.2	8.8	9.1	9.2
Vegetable oil.	1	3.9	4.3	4.9	5.2	5.1	5.3
Lard, margarine and other fats	1	11	13	15	17	18	18
Milk and dairy products, including							
cheese and sheep's milk cheese	1	8.4	13	17	17	18	18
milk and dairy products.	1	8.5	13	17	17	17	18
cheese and sheep's milk cheese	1	8.3	13	17	19	20	21
Eggs	1	6.4	11	21	22	24	25
Sugar.	1	5.6	6.8	7.6	7.7	7.8	7.8
Confectionary items.	1	3.6	5.4	6.9	7.3	7.1	7.0
Flour, bread and bakery goods.	1	2.0	2.4	2.7	2.7	2.7	2.8
Alcoholic items.	1	2.8	4.4	6.0	6.3	6.7	7.1
Nonfood consumer items	1	5.5	8.7	12.6	13.3	14.0	14.7
Cotton fabrics	1	1.4	1.4	1.2	1.2	1.2	1.2
Woolen fabrics and shawls.	1	4.4	4.5	6.9	6.9	6.7	7.4
Silk fabrics	1	10.8	11	20	23	23	20
Linen fabrics.	1	2.0	2.9	2.9	3.0	3.3	3.4
Clothing and underwear	1	5.3	8.8	11.3	12.0	12.6	13.4
Knitted goods.	1	8.3	19	26	27	29	31
Stockings and socks.	1	6.8	13	15	17	17	19
Leather, textile and combined footwear	1	5.1	7.8	10.5	10.8	11.2	11.7
Household soap and synthetic deter-							
gents.	1	3.3	4.7	6.4	6.4	6.6	7.0
Toilet soap.	1	2.1	2.8	4.0	4.0	4.3	4.4

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	1940	1965	1970	1975	1976	1977	1978
Furniture.	1	12	18	26	27	29	30
Glassware, porcelain and earthenware	1	4.4	6.6	13	14	15	16
Jewelry.	1	9.4	26	78	90	97	88
Radio receivers and radio-phonographs.	1	32	38	49	41	42	43
Clocks	1	8.8	11.3	14	14	15	15
Bicycles and mopeds.	1	18	21	22	21	22	23

Increase of the Sale of the Most Important Consumer Goods
in State and Cooperative Trade, Including Public Dining
(in comparable prices; 1970 = 100)

	1970	1975	1976	1977	1978
All goods.	100	136	142	149	154
Foodstuffs	100	129	134	139	143
Meat and meat products	100	143	143	145	149
Fish and fish products	100	117	134	133	133
Animal oil	100	124	133	139	140
Vegetable oil.	100	114	121	119	123
Lard, margarine and other fats	100	124	141	144	146
Milk and dairy products, including cheese and sheep's milk cheese.	100	127	129	133	137
milk and dairy products.	100	125	126	130	132
cheese and sheep's milk cheese	100	136	147	154	163
Eggs	100	180	189	210	224
Sugar.	100	112	114	115	115
Confectionary items.	100	128	135	131	129
Flour, bread and bakery goods.	100	113	116	117	121
Alcoholic items.	100	137	145	153	161
Nonfood consumer items	100	144	152	160	169
Cotton fabrics	100	86	88	87	88
Woolen fabrics and shawls.	100	153	151	147	163
Silk fabrics	100	183	207	209	183
Linen fabrics.	100	100	105	115	120
Clothing and underwear	100	130	137	144	153
Fur and fur items.	100	115	126	135	139
Knitted goods.	100	137	143	153	161
Stocking and socks	100	123	132	139	149
Leather, textile and combined footwear	100	134	137	143	149
Household soap	100	98	89	87	83
Synthetic detergents	100	160	164	173	187
Toilet soap.	100	139	142	150	153
Furniture.	100	147	151	161	170
Glassware, porcelain and earthenware	100	190	208	224	248
Jewelry.	100	301	348	373	339
Radio receivers and radio-phonographs.	100	129	108	112	114
Televisions.	100	108	107	110	122

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	1970	1975	1976	1977	1978
Clocks.	100	126	126	134	137
Cameras	100	133	135	146	157
Bicycles and mopeds	100	104	100	103	108
Motorcycles and motor scooters.	100	127	129	136	141
Passenger cars.	100	784	830	900	961

Sale of Most Important Foodstuffs Through State and Cooperative Trade

	1965	1970	1975	1976	1977	1978
Meat and meat products, thousands of tons.	5328	7231	10058	9977	9916	10037
Animal oil, thousands of tons.	702	913	1116	1215	1256	1262
Vegetable oil, thousands of tons.	558	614	717	769	746	775
Milk, dairy products, including cheese and sheep's milk cheese (in terms of milk), millions of tons	15.4	24.0	29.0	29.1	30.1	30.6
milk and dairy products, millions of tons.	12.6	20.1	23.8	23.5	24.4	24.7
canned milk and dry milk, millions of conventional cans	795	968	1385	1334	1340	1387
cheese and sheep's milk cheese, thousands of tons.	277	399	517	565	585	619
Eggs, billions	10.3	16.6	31.2	30.7	34.1	36.2
Sugar, thousands of tons	5520	6591	7411	7590	7640	7640
Confectionary items, thousands of tons	2259	2789	3274	3466	3610	3663
Grain products (in terms of flour), millions of tons	30.4	32.2	35.2	36.1	35.8	36.8

Sale of Cultural and Personal Goods Through State and Cooperative Trade
(thousands)

	1913	1940	1965	1970	1975	1976	1977	1978
Clocks of all types.	700	2500	21926	28249	35536	35595	37905	38668
Radio receivers and radio-phonographs.	--	156	4980	5870	7591	6332	6584	6706
Televisions.	--	0.3	3338	5580	6002	5991	6152	6780
Grand and upright pianos	26	10	155	180	165	163	167	166
Cameras.	16	355	1262	1337	1773	1802	1952	2104
Refrigerators.	--	--	1458	3756	4823	4700	4854	5057
Washing machines	--	--	3141	4135	3241	3309	3435	3465
Electric vacuum cleaners	--	--	643	1136	2073	2112	2621	2691
Motorcycles and motor scooters	0.1	7	690	816	1033	1054	1109	1147
Passenger cars	--	--	64	123	964	1021	1107	1182

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	1913	1940	1965	1970	1975	1976	1977	1978
Bicycles and mopeds.	29	200	3663	4198	4368	4197	4343	4540
Sewing machines.	272	175	1677	1275	1237	1269	1290	1287
Porcelain and earthenware, millions of rubles	...	...	232	375	643	679	743	798
Furniture, millions of rubles	...	...	1986	2883	4248	4341	4634	4896

Sale of Cultural and Personal Goods in Rural Areas
(thousands)

	1965	1970	1975	1976	1977	1978
Clocks of all types.	7390	9207	11527	11678	12554	12853
Radio receivers and radio-phonographs.	1756	1846	2312	1947	2100	2178
Televisions.	804	1993	1851	1850	1896	2193
Cameras.	279	259	356	338	361	390
Refrigerators.	210	780	1370	1385	1582	1656
Washing machines	696	1733	1236	1216	1281	1279
Electric vacuum cleaners	65	167	381	378	487	535
Motorcycles and motor scooters	336	393	492	500	525	545
Bicycles and mopeds.	2055	2444	2462	2335	2434	2514
Sewing machines.	702	492	441	434	460	476
Porcelain and earthenware, millions of rubles.	87	130	219	239	262	279
Furniture, millions of rubles.	612	863	1285	1327	1428	1476

Consumption of Main Foodstuffs
(per capita a year; kg)

	1913*	1965	1970	1975	1976	1977	1978
Meat and meat products in terms of meat (including lard and by-products in physical terms).	29	41	48	57	56	56	57
Milk and dairy products in terms of milk	154	251	307	316	316	321	321
Eggs	48	124	159	216	209	222	230
Fish and fish products	6.7	12.6	15.4	16.8	18.4	17.1	16.9
Sugar.	8.1	34.2	38.8	40.9	41.9	42.4	43.0
Vegetable oil.	...	7.1	6.8	7.6	7.7	8.1	8.2
Potatoes	114	142	130	120	119	120	120
Vegetables and cucurbits	40	72	82	89	86	88	90

* The data are cited on the average for the entire population. The consumption by workers was considerably lower than the average level. The working population consumed on the average about 20 kg of meat and about 120 kg of milk a year.

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	1913	1965	1970	1975	1976	1977	1978
Fruit and berries (excluding processing for wine). . .	11	28	35	39	39	41	41
Grain products (bread and macaroni items in terms of flour, flour, groats, legumes).	200	156	149	141	141	139	140

Consumption of the Most Important Nonfood Industrial Consumer Goods
(per capita a year)

	1913	1965	1970	1975	1976	1977	1978
Fabrics (excluding consumption of fabrics for the production of industrial items)--total, m ² . . .	13.4	26.5	30.4	32.5	33.2	33.4	33.7*
including:							
cotton.	11.6	19.1	21.2	22.0	22.5	22.5	22.8
wool.	0.9	2.5	2.7	2.8	2.8	2.9	3.1
silk.	0.2	3.6	4.7	5.9	6.1	6.2	6.1
linen.	0.7	1.3	1.8	1.8	1.8	1.8	1.7
Knitted outerwear, units.	...	0.9	1.8	2.0	2.0	2.1	2.2
Knitted underwear, units.	...	3.3	3.5	3.9	4.0	4.1	4.4
Hosiery and socks, pair	...	5.8	6.0	6.1	6.3	6.5	6.5
Leather shoes, pair	0.4	2.4	3.0	3.2	3.2	3.2	3.2

* The consumption, including the use for the production of industrial items (for the upholstery of motor vehicles, furniture and so on), was (m²): fabrics of all types--42.0, including cotton--28.5, wool--3.5, silk--6.8, linen--3.2.

Supply of the Urban and Rural Population With Durable
Cultural and Personal Goods
(at end of the year; units)

	Per 100 families				Per 1,000 people			
	1965	1970	1975	1978	1965	1970	1975	1978
Clocks of all types.	319	411	455	499	885	1193	1319	1445
Radio receivers and radio-phonographs.	59	72	79	84	165	199	230	243
Televisions.	24	51	74	82	68	143	215	237
Cameras.	24	27	27	29	67	77	77	83
Refrigerators.	11	32	61	78	29	89	178	225
Washing machines.	21	52	65	70	59	141	189	203
Electric vacuum cleaners.	7	12	18	24	18	31	52	71
Motorcycles and motor scooters.	6	7	8	9	17	21	25	27
Bicycles and mopeds.	48	50	54	51	134	145	156	148
Sewing machines.	52	56	61	64	144	161	178	186

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Supply of the Urban Population With Durable Cultural and Personal Goods
(at end of the year; units)

	Per 100 families				Per 1,000 people			
	1965	1970	1975	1978	1965	1970	1975	1978
Clocks of all types.	375	480	512	551	1111	1463	1547	1663
Radio receivers and radio- phonographs.	67	78	86	90	199	237	260	272
Televisions.	32	61	83	89	94	185	250	268
Cameras.	36	36	36	36	108	110	110	110
Refrigerators.	17	43	77	93	49	132	234	279
Washing machines.	29	64	77	79	85	195	231	238
Electric vacuum cleaners.	11	16	24	32	32	48	74	95
Motorcycles and motor scooters.	5	5	5	6	14	15	17	18
Bicycles and mopeds.	44	44	44	42	130	132	133	126
Sewing machines.	54	57	60	62	159	173	182	187

Supply of the Rural Population With Durable Cultural and Personal Goods
(at end of the year; units)

	Per 100 families				Per 1,000 people			
	1965	1970	1975	1978	1965	1970	1975	1978
Clocks of all types.	245	309	357	402	627	836	967	1086
Radio receivers and radio- phonographs.	49	55	68	72	125	149	185	196
Televisions.	15	32	59	69	37	88	161	186
Cameras.	8	12	12	15	22	33	33	39
Refrigerators.	3	13	34	50	7	34	91	135
Washing machines.	12	26	45	54	29	71	122	145
Electric vacuum cleaners.	1	3	7	11	3	8	20	30
Motorcycles and motor scooters.	8	11	14	16	22	29	38	43
Bicycles and mopeds.	54	60	71	68	139	163	192	184
Sewing machines.	50	54	63	68	127	146	171	185

Deposits of the Population in Savings Banks and the USSR State Bank
(at end of the year)

	1940	1965	1940	1975	1976	1977	1978
Savings Banks							
Number of savings banks, thou- sands.	41.6	73.6	78.3	79.9	80.1	80.4	80.6
in urban settlements.	10.3	22.3	23.5	24.1	24.3	24.6	24.9
in rural areas.	31.3	51.3	54.8	55.8	55.8	55.8	55.7
Number of deposits, millions.	17.3	57.4	80.1	106.6	113.1	120.0	127.4
in urban settlements.	11.6	42.2	58.9	78.9	84.0	89.3	95.1
in rural areas.	5.7	15.2	21.2	27.7	29.1	30.7	32.3

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	1940	1965	1970	1975	1976	1977	1978
Amount of deposits, billions of rubles.	0.7	18.7	46.6	91.0	103.0	116.7	131.1
in urban settlements.	0.6	14.0	34.1	66.1	75.1	85.3	96.0
in rural areas.	0.1	4.7	12.5	24.9	27.9	31.4	35.1
Average amount of deposit, rubles	42	326	581	854	911	972	1029
in urban settlements.	50	332	578	837	895	954	1009
in rural areas.	26	309	591	900	957	1025	1087
USSR State Bank							
Amount of deposits, millions of rubles.	--	129	143	169	174	179	167

Deposits of the Population in Savings Banks by Union Republics at the End of 1978

	Number of savings banks	Number of deposits (thou-sands)	Amount of deposits (millions of rubles)	Average amount of deposit (rubles)
USSR.	80567	127444	131139	1029
RSFSR	46420	75565	76071	1007
Ukrainian SSR	14893	27299	27660	1013
Belorussian SSR	3378	5324	5151	968
Uzbek SSR	2555	2922	2799	958
Kazakh SSR.	4471	5134	4957	966
Georgian SSR.	1362	1756	2851	1625
Azerbaijan SSR.	1066	1195	1347	1128
Lithuanian SSR.	1026	1626	2797	1721
Moldavian SSR	1181	1326	1198	903
Latvian SSR	1113	1300	1503	1157
Kirgiz SSR.	703	918	831	905
Tadzhik SSR	565	722	634	878
Armenian SSR.	672	1105	1717	1554
Turkmen SSR	574	476	600	1262
Estonian SSR.	588	776	1023	1320

Average Life Expectancy of Population of Prerevolutionary Russia and USSR (years)

	Average life expectancy of entire population	including	
		men	women
1896-1897 (for 50 gubernias of European Russia).	32	31	33
1926-1927 (for European part of the USSR)	44	42	47
1938-1939	47	44	50
1955-1956	67	63	69
1958-1959	69	64	72
1971-1972	70	64	74

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Average Life Expectancy of the Population for People
Who Have Reached a Certain Age
(years)

	1896- 1897	1926- 1927	1938- 1939	1958- 1959	1971- 1972
For newborns.	32	44	47	69	70
For those who have reached:					
5 years of age.	50	57	59	68	67
10 years of age.	49	54	56	63	62
20 years of age.	41	45	47	54	52
30 years of age.	34	38	39	45	43
40 years of age.	27	30	31	36	35
50 years of age.	20	23	24	27	26
60 years of age.	14	16	17	19	19
70 years of age.	10	10	11	13	12
80 years of age.	7	6	7	8	7
90 years of age.	6	4	4	5	4

Before the revolution 43 percent of those born died before the age of 5, while those who reached the age of 5 lived on the average another 50 years. The average life expectancy for all those born was before the revolution 32 years.

Now in the USSR 3.2 percent of those born die before the age of 5, while those who reach the age of 5 live on the average another 67 years; the dead rate has also decreased sharply in other age groups. The average life expectancy of all those born is about 70 years.

Preschool Institutions
(at end of the year; thousands)

	1940	1965	1970	1975	1976	1977	1978
Number of permanent preschool institutions.	46.0	91.9	102.7	115.2	117.6	120.1	122.3
of them:							
kindergartens--total.	24.0	39.0	35.4	34.1	33.9	33.0	32.7
including:							
in urban settlements.	14.4	27.2	23.8	20.5	20.0	19.4	18.8
in rural areas.	9.6	11.8	11.6	13.6	13.9	13.6	13.9
kindergarten-nurseries--total	--	28.5	47.7	65.3	68.7	73.1	76.2
including:							
in urban settlements.	--	15.1	25.2	33.1	34.9	37.0	38.6
in rural areas.	--	13.4	22.5	32.2	33.8	36.1	37.6
nurseries--total.	22.0	24.4	19.6	15.8	15.0	14.0	13.4
including:							
in urban settlements.	9.2	14.6	12.5	10.9	10.5	10.0	9.7
in rural areas.	12.8	9.8	7.1	4.9	4.5	4.0	3.7

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Number of children in permanent preschool institutions.	1953	7673	9281	11523	12108	12672	13177
of them:							
in kindergartens--total	1172	3281	2791	2591	2559	2496	2455
including:							
in urban settlements.	906	2817	2351	2073	2036	1967	1908
in rural areas.	266	464	440	518	523	529	547
in kindergarten-nurseries--total	--	2926	5309	7879	8533	9199	9784
including:							
in urban settlements.	--	2184	4045	5995	6477	6974	7406
in rural areas.	--	742	1264	1884	2056	2225	2378
in nurseries--total	781	1466	1181	1053	1016	977	938
including:							
in urban settlements.	516	1193	984	913	884	859	826
in rural areas.	265	273	197	140	132	118	112

In addition to permanent preschool institutions, during the summer seasonal preschool institutions and children's playgrounds are organized; in 1978 they served 5 million children, including nearly 2 million children of preschool age.

Number of Children in Permanent Preschool Institutions
by Union Republics
(at end of the year; thousands)

	1940	1965	1970	1975	1976	1977	1978
USSR.	1953	7673	9281	11523	12108	12672	13177
RSFSR	1266	4939	5666	6681	6984	7305	7567
Ukrainian SSR	319	1184	1574	2038	2153	2224	2301
Belorussian SSR	64	201	274	373	395	418	439
Uzbek SSR	74	275	348	561	598	656	707
Kazakh SSR.	37	420	564	709	743	775	809
Georgian SSR.	48	98	116	143	150	154	161
Azerbaijan SSR.	57	89	111	127	130	135	140
Lithuanian SSR.	14	48	80	119	125	129	136
Moldavian SSR	5	66	91	188	212	226	239
Latvian SSR	6	53	72	91	97	102	104
Kirgiz SSR.	7	68	90	119	127	133	140
Tadzhik SSR	8	55	68	87	91	96	100
Armenian SSR.	18	64	90	111	118	122	127
Turkmen SSR	25	72	78	102	108	117	126
Estonian SSR.	5	41	59	74	77	80	81

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Number of Physicians and Number of Hospital Beds
(at end of the year)

	1940	1965	1970	1975	1976	1977	1978
Number of physicians of all specialties, thousands.	155.3	554.2	668.4	834.1	864.6	897.2	928.7
Number of physicians of all specialties per 10,000 people . . .	7.9	23.9	27.4	32.6	33.5	34.5	35.4
Number of hospital beds, thousands.	791	2226	2663	3009	3076	3140	3201
Number of hospital beds per 10,000 people.	40	96	109	118	119	121	122

The achievements of health care during the years of Soviet power are inseparably connected with the growth of the network of medical treatment and preventive institutions, the number of medical personnel and the number of hospital beds.

In 1978 61 million patients were hospitalized in hospital institutions, of them 38 million were urban residents and 23 million were rural residents.

In all 2,561,000,000 doctor visits (including visits of doctors to the home) were registered at out-patient polyclinic institutions.

The level of medical service of the urban and rural population is gradually growing closer.

In 1978 as compared with 1965 the number of physicians of all specialties per 10,000 urban residents increased by 34 percent, the number of hospital beds--by 16 percent, per 10,000 rural residents (with allowance made for the use of urban medical treatment and preventive institutions)--respectively by 62 percent and 38 percent.

Number of Mothers With Many Children, Who Receive a Monthly State Grant
(thousands)

	1950	1970	1975	1978
All mothers with many children who receive a grant. .	3079	3211	2605	2330
including:				
with four children.	1449	1172	841	756
with five children.	839	782	583	508
with six children	440	546	430	360
with seven and more children.	351	711	751	706

Mothers, who have two children, with the birth of a third child and each subsequent child receive a one-time grant from the state, while those having three children with the birth of a fourth child and each subsequent child receive a monthly grant.

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Additional benefits both with respect to age and with respect to length of service are granted to women, who have given birth to five or more children and who have raised them to the age of 8.

Number of People Receiving Pensions
(at beginning of the year; millions)

Years	Total retirees	including retirees due to old age	Of the total number of retirees, retired kol-khoz farmers who receive pensions in accordance with the Law on Pensions and Grants to Kolkhos Members	including retirees due to old age
1941	4.0	0.2	--	--
1961	21.9	5.4	--	--
1966	32.0	16.0	7.9	7.0
1967	33.8	17.7	8.9	7.7
1968	35.1	19.0	9.3	8.0
1969	38.8	22.4	11.9	10.4
1970	40.1	23.7	12.1	10.5
1975	44.4	28.8	12.1	10.6
1976	45.2	29.4	11.9	10.4
1977	45.9	30.0	11.7	10.2
1978	46.7	30.8	11.5	10.0
1979	47.6	31.9	11.4	9.9

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Number of People Receiving Pensions by Union Republics
on 1 January 1979
(thousands)

	Total retirees	including retirees due to old age	Of the total number of retirees, retired kol- khoz farmers who re- ceive pensions in ac- cordance with the Law on Pensions and Grants to Kolkhoz Members	including retirees due to old age
USSR.	47644	31865	11351	9903
RSFSR	26865	18255	4342	3885
Ukrainian SSR . . .	10150	6934	3622	3183
Belorussian SSR . .	1851	1229	664	576
Uzbek SSR	1746	1065	737	593
Kazakh SSR.	1869	1069	254	221
Georgian SSR. . . .	880	523	280	227
Azerbaijan SSR. . .	722	416	226	184
Lithuanian SSR. . .	644	443	238	209
Moldavian SSR . . .	608	422	290	248
Latvian SSR	543	383	114	105
Kirgiz SSR.	447	272	154	123
Tadzhik SSR	368	237	182	144
Armenian SSR. . . .	348	219	82	71
Turkmen SSR	288	172	119	92
Estonian SSR. . . .	315	226	47	42

Retirement security in the USSR is provided completely at the expense of the state and kolkhozes without any withholdings from the income of workers.

At present retirement age due to old age has been established for workers, employees and kolkhoz farmers: men--60 years old, women--55 years old. Workers and employees, who are employed in underground jobs, in hot shops, as well as in jobs with difficult working conditions, receive a pension 5-10 years earlier. The reduction of retirement age has also been extended to other groups of the population.

The Soviet state shows constant concern for the elderly and disabled. A network of homes for these groups of the population has been set up in the country.

In most capitalist countries a higher age than in the USSR is envisaged for the receipt of an old-age pension. Thus, for example, an age of 62-65

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has been set for men and women for receiving a normal pension in the United States, the FRG, the Netherlands and Sweden, the age of 67 in Norway. And in order to receive an old-age pension considerable amounts are withheld in the form of insurance payments from the wages of the workers of capitalist countries.

Sanatoriums and Vacation Establishments

	1913	1939	1965	1970	1975	1976	1977	1978
Number of sanatoriums and vacation establishments (excluding those for one- or two-day stays)	60	3600	8080	9167	11697	12192	12415	12652
Beds at them, thousands . .	3	469	1028	1311	1795	1899	1963	2011
Number of sanatoriums with a continuous stay and holiday hotels with medical treatment (for adults and children)	60	1838	2230	2318	2350	2345	2332	2329
Beds at them, thousands . .	3	240	409	461	504	510	517	523
Of the number of sanatoriums with a continuous stay and holiday hotels with medical treatment--								
children's sanatoriums . . .	14	957	1146	1183	1219	1211	1204	1204
Beds at them, thousands . .	0.3	95	135	154	162	163	164	165
Number of sanatorium-dispensaries	--	328	1398	1839	2201	2277	2349	2386
Beds at them, thousands . .	--	15	70	118	163	175	186	191
Number of holiday homes and hotels	--	1270	889	1073	1124	1170	1170	1192
Beds at them, thousands . .	--	195	229	287	339	354	364	372
Number of vacation centers . .	--	--	3113	3345	5079	5446	5610	5802
Beds at them, thousands . .	--	--	225	288	489	548	580	599
Number of tourist centers . .	--	164	450	592	943	954	954	943
Beds at them, thousands . .	--	19	95	157	300	312	316	326

In 1978 2,600 vacation establishments for a stay of one or two days with accommodations for 176,000 were in operation in the USSR.

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Sanatoriums and Vacation Establishments by Union Republics

	Number of sanatoriums and vacation establishments (excluding those for one- and two-day stays)	Beds at them, thousands	Number of sanatoriums with a continuous stay and holiday hotels with medical treatment (for adults and children)	Beds at them, thousands	Number of sanatorium-dispensaries	Beds at them, thousands	Number of holiday homes and hotels	Beds at them, thousands	Number of vacation centers	Beds at them, thousands	Number of tourist centers	Beds at them, thousands
USSR.	12652	2011.1	2329	522.8	2386	190.8	1192	372.0	5802	599.0	943	326.5
RSFSR	6431	1076.8	1266	270.6	1646	127.3	609	192.6	2396	299.9	514	186.4
Ukrainian SSR	2897	521.5	488	128.9	360	31.4	271	91.0	1594	205.9	184	64.3
Belorussian SSR	273	43.2	46	10.1	75	7.2	19	6.2	112	9.9	21	9.8
Uzbek SSR	218	35.0	74	17.1	69	4.8	20	4.4	32	4.1	23	4.6
Kazakh SSR	338	52.9	98	16.1	115	11.2	28	8.3	72	8.8	25	8.5
Georgian SSR	315	75.6	105	22.9	21	1.2	65	20.3	54	6.0	70	25.2
Azerbaijan SSR	109	19.7	51	10.2	16	1.2	11	2.5	18	2.3	13	3.5
Lithuanian SSR	973	47.0	27	9.0	16	1.5	25	7.4	897	24.8	8	4.3
Moldavian SSR	74	13.3	13	3.0	12	1.1	14	3.1	24	2.0	11	4.1
Latvian SSR	341	42.5	47	11.7	7	0.6	19	5.6	247	21.3	21	3.3
Kirgiz SSR	142	33.6	27	5.9	21	1.5	63	19.7	23	3.8	8	2.7
Tadzhik SSR	57	9.2	33	5.1	6	0.4	10	2.3	5	0.6	3	0.8
Armenian SSR	88	16.8	25	5.8	9	0.7	27	5.8	8	0.4	19	4.1
Turkmen SSR	34	6.1	14	3.3	9	0.4	7	1.6	1	0.0	3	0.8
Estonian SSR	362	17.9	15	3.1	4	0.3	4	1.2	319	9.2	20	4.1

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Number of Those Who Were Treated and Vacationed
at Sanatoriums and Vacation Establishments
(thousands)

	1950	1965	1970	1975	1976	1977	1978
Total of those who were treated and vacationed at sanatoriums and vacation establishments (excluding those for one- and two-day stays)	3785	11316	16836	31532	32039	34716	35564
At sanatoriums with a continuous stay and holiday hotels with medical treatment (for adults and children)	1654	2979	3612	4391	4504	4670	4791
At sanatorium-dispensaries . . .	198	718	1196	1872	2086	2313	2482
At health resort polyclinics on a board and treatment authorization	69	625	788	965	1067	1086	1068
At holiday homes and hotels . .	1824	3988	4542	5116	5218	5304	5341
At vacation centers	--	1009	1657	2584	2573	2771	2853
At tourist centers	40	1997	5041	16604	16591	18572	19029

In 1978 52 million workers and members of their families were treated and vacationed at sanatoriums, vacation establishments, tourist routes and centers, of them 36 million people took advantage of long-term treatment and rest, 7 million--a one- or two-day vacation, 9 million--a vacation on tourist routes on their day off. Some 162 million people took excursions as against 40 million in 1970. About 23 million children and adolescents during the summer vacationed at Pioneer and school camps, at tourist excursion centers or went during the summer to the country with children's institutions.

Number of Athletes

	1940	1950	1965	1970	1975	1976	1977	1978
Number of collectives of physical culture, thousands	62	183	196	210	219	219	220	222
Number of athletes,* millions	5.3	14.2	46.3	43.6	50.1	52.4	55.4	57.8
Total titles of expert of sports of the USSR awarded, thousands	...	3.3	48.8	80.1	116.8	126.0	135.8	146.9
including in corresponding year	...	0.6	4.9	5.1	8.7	9.2	9.8	11.1

* Since 1970 only people, who are regularly active in the collectives of physical culture, have been included among athletes.

In prerevolutionary Russia physical culture organizations had in their ranks only 45,000-50,000 people.

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Training of Rated Athletes

	1950	1965	1970	1975	1976	1977	1978
Sports ratings awarded, thousands.	836	8263	11724	16431	17638	19561	21379
including:							
candidates for expert of sports.	--	6	11	24	28	33	38
sports rating I	14	103	115	193	199	229	253
sports ratings II and III and							
youth sports rating	822	8154	11598	16214	17411	19299	21088

Number of Sports Structures

	1940	1950	1965	1970	1975	1976	1977	1978
Stadiums (with 1,500 and more seats for spectators).	378	788	2397	2918	3198	3204	3282	3356
Gymnasiums, thousands . . .	19.8	29.0	44.6	61.0	63.4	66.4	68.6	
Swimming pools.	...	...	820	905	1259	1344	1435	1461
Soccer fields, thousands. .	8.6	18.8	64.3	88.7	98.0	97.7	101.3	103.7
Volleyball, basketball and tennis courts, thousands. .	54.0	139.4	365.2	368.8	382.9	370.9	379.5	386.4

In 1978 there were 20 mountain climbing camps with 2,900 places at them.

Number of Medals Won by Soviet Athletes at Olympic Games

Years	Number of medals won			Years	Number of medals won		
	gold	silver	bronze		gold	silver	bronze
1952	22	30	19	1968	34	37	33
1956	44	32	38	1972	58	32	25
1960	50	34	40	1976	60	49	43
1964	41	39	41				

In 1978 157 Soviet athletes were awarded the lofty title of world champion and 171 athletes were awarded the title of European champion.

State Capital Investments in Measures on Nature Conservation
and the Rational Use of Natural Resources
(in comparable prices; millions of rubles)

	1973-1975		1976-1978	
	Total	Average a year	Total	Average a year
Measures on nature conservation and the rational use of natural resources--total.	4755	1585	5503	1834
including:				
on the protection and rational use of water resources.	3542	1181	4237	1412
on the protection of the air basin.	422	141	523	174

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Expenditures on Labor Safety Measures
(millions of rubles)

1970	1971	1972	1973	1974	1975	1976	1977	1978
1292	1394	1494	1631	1795	1892	2026	2132	2244

In addition, the state allocates more than 1.6 billion rubles annually for the production of special clothing, footwear and other means of individual protection.

In 1978 as compared with 1970 production injuries in the sphere of physical production were reduced by 29 percent. The Soviet Union is among the countries with a low level of production injuries.

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TRADE

Main Indicators of the Development of Trade*

	1940	1965	1970	1975	1976	1977	1978
Total volume of retail commodity turnover of state, cooperative and kolkhoz trade, billions of rubles.	20.9	108.4	159.4	215.6	225.9	236.4	247.5
Volume of retail commodity turnover of state and cooperative trade, including public dining, billions of rubles. . .	18.0	104.8	155.2	210.4	220.1	230.6	241.3
including turnover of consumer cooperatives on the sale of agricultural products, which are purchased at contract prices and accepted on commission. . . .	--	1.1	1.5	1.4	1.5	1.5	1.6
Turnover on the sale of agricultural products on the kolkhoz extra-village market (excluding the sale to consumer cooperatives at contract prices), billions of rubles. . .	2.9	3.6	4.2	5.2	5.8	5.8	6.2
Reserve commodity stocks in retail network:							
billions of rubles.	1.6	26.4	35.3	45.4	47.3	48.7	48.7
in days of commodity turnover.	34	96	88	84	84	82	79
Average annual number of workers of retail trade and public dining, thousands.	2202	4451	5746	6750	6867	6988	7091

* In this and subsequent tables the data in monetary terms are cited in the prices of the corresponding years, the growth rate of the commodity turnover is calculated in comparable prices.

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Marketing costs of retail trade as a percentage of the commodity turnover.	8.21	6.61	6.94	6.60	6.57	6.59	6.70
Costs of enterprises of public dining as a percentage of the commodity turnover.	19.63	18.85	21.20	21.45	21.47	21.73	22.40
Number of retail trade enterprises (at end of the year), thousands	407.2	643.3	682.0	696.1	696.5	695.6	695.9
Floor space in stores, millions of m ²	12.2	24.8	31.5	39.3	40.7	42.2	43.6
Number of public dining enterprises (at end of the year), thousands	87.6	192.7	237.3	274.5	280.7	286.2	292.1
Number of seats at public dining enterprises, millions . . .	2.2	6.9	10.0	13.7	14.4	15.1	15.9

Growth Rate of Retail Commodity Turnover of State and Cooperative Trade, Including Public Dining

Years	Total volume of retail commod- ity turnover	including		Commodity turnover of public dining
		foodstuffs	nonfood con- sumer items	
1940 = 100				
1940	100	100	100	100
1945	43	47	30	63
1946	55	56	45	72
1950	107	91	136	104
1955	202	172	256	179
1960	317	257	423	208
1965	423	350	552	279
1970	628	497	871	414
1975	854	643	1258	535
1976	893	667	1326	560
1977	934	691	1399	583
1978	970	709	1471	602
1970 = 100				
1970	100	100	100	100
1975	136	129	144	129
1976	142	134	152	135
1977	149	139	160	141
1978	154	143	169	145

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Increase of Retail Commodity Turnover of Consumer Cooperatives
(1940 = 100)

Years	Including commodity turnover on sale of agricultural prod- ucts, which are purchased at contract prices and accepted on commission	Excluding commodity turnover on sale of agricultural prod- ucts, which are purchased at contract prices and accepted on commission
1940	100	100
1950	101	101
1955	213	208
1960	357	347
1965	491	479
1970	736	723
1975	997	986
1976	1034	1025
1977	1079	1069
1978	1117	1108

Increase of Retail Commodity Turnover of State and Cooperative Trade,
Including Public Dining, by Union Republics
(1940 = 100)

	1940	1965	1970	1975	1976	1977	1978
USSR.	100	423	628	854	893	934	970
RSFSR	100	391	568	764	797	830	861
Ukrainian SSR	100	424	629	844	880	921	954
Belorussian SSR	100	447	755	1079	1126	1192	1244
Uzbek SSR	100	469	729	1060	1123	1190	1257
Kazakh SSR.	100	890	1311	1837	1903	1985	2076
Georgian SSR.	100	351	532	738	778	817	852
Azerbaijan SSR.	100	340	523	705	750	783	809
Lithuanian SSR.	100	548	953	1319	1395	1459	1535
Moldavian SSR	100	735	1232	1810	1913	2017	2126
Latvian SSR	100	529	847	1106	1165	1204	1245
Kirgiz SSR.	100	678	1080	1552	1633	1700	1783
Tadzhik SSR	100	554	895	1290	1370	1450	1534
Armenian SSR.	100	539	904	1294	1376	1468	1543
Turkmen SSR	100	373	600	869	917	968	1021
Estonian SSR.	100	479	766	982	1046	1090	1127

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Increase of Retail Commodity Turnover of State and Cooperative Trade
by Union Republics
(1970 = 100)

	Retail commodity turnover, including public dining					Commodity turnover of public dining				
	1970	1975	1976	1977	1978	1970	1975	1976	1977	1978
USSR.	100	136	142	149	154	100	129	135	141	145
RSFSR	100	135	141	146	152	100	128	134	139	143
Ukrainian SSR	100	134	140	147	152	100	127	133	137	140
Belcrussian SSR	100	143	149	158	165	100	133	142	150	159
Uzbek SSR	100	145	154	163	172	100	142	150	158	166
Kazakh SSR.	100	140	145	151	158	100	138	144	150	157
Georgian SSR.	100	139	146	154	160	100	129	137	144	150
Azerbaijan SSR.	100	135	143	150	155	100	130	137	144	148
Lithuanian SSR.	100	138	146	153	161	100	129	142	151	159
Moldavian SSR	100	147	155	164	173	100	136	146	153	161
Latvian SSR	100	131	138	142	147	100	132	139	146	151
Kirgiz SSR.	100	144	151	157	165	100	135	141	146	152
Tadzhik SSR	100	144	153	162	171	100	142	151	160	172
Armenian SSR.	100	143	152	162	171	100	133	140	146	154
Turkmen SSR	100	145	153	162	170	100	131	136	143	147
Estonian SSR.	100	128	137	142	147	100	128	134	140	143

Proportion of State, Cooperative and Kolkhoz Trade
in Total Volume of Commodity Turnover
(percent of total)

	1940	1965	1970	1975	1976	1977	1978
In actual prices of state, cooperative and kolkhoz trade							
Total retail commodity turnover.	100	100	100	100	100	100	100
State trade.	62.7	68.1	68.6	69.0	69.3	69.6	69.7
Cooperative trade.	23.0	28.6	28.8	28.6	28.1	28.0	27.8
Kolkhoz trade.	14.3	3.3	2.6	2.4	2.6	2.4	2.5
In identical prices for all forms of trade (in state retail prices)							
Total retail commodity turnover.	100	100	100	100	100	100	100
State trade.	66.8	68.8	69.4	69.9	70.3	70.6	70.8
Cooperative trade.	24.5	28.9	28.9	28.8	28.4	28.2	28.0
Kolkhoz trade.	8.7	2.3	1.7	1.3	1.3	1.2	1.2

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Proportion of State, Cooperative and Kolkhoz Trade in Sale of Foodstuffs
(percent of total)

	1965	1970	1975	1976	1977	1978
In actual prices of state, cooperative and kolkhoz trade						
Total sales volume of foodstuffs. . .	100	100	100	100	100	100
State and cooperative trade	94.7	95.6	95.8	95.5	95.7	95.6
Kolkhoz trade	5.3	4.4	4.2	4.5	4.3	4.4
In identical prices for all forms of trade (in state retail prices)						
Total sales volume of foodstuffs. . .	100	100	100	100	100	100
State and cooperative trade	96.2	97.2	97.7	97.6	97.8	97.8
Kolkhoz trade	3.8	2.8	2.3	2.4	2.2	2.2

Proportion of State, Cooperative and Kolkhoz Trade in Sale of Foodstuffs
for a Comparable Group of Goods
(percent of total)

	1965	1970	1975	1976	1977	1978
In actual prices of state, cooperative and kolkhoz trade						
Total sales volume of foodstuffs. . .	100	100	100	100	100	100
State and cooperative trade	90.0	91.5	91.9	91.2	91.5	91.2
Kolkhoz trade	10.0	8.5	8.1	8.8	8.5	8.8
In identical prices for all forms of trade (in state retail prices)						
Total sales volume of foodstuffs. . .	100	100	100	100	100	100
State and cooperative trade	92.7	94.5	95.4	95.2	95.5	95.6
Kolkhoz trade	7.3	5.5	4.6	4.8	4.5	4.4

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Retail Commodity Turnover of State and Cooperative Trade,
Including Public Dining
(millions of rubles)

Years	Total volume of re- tail commod- ity turn- over	Breakdown of total volume of retail commodity turnover					
		state and cooper- ative trade		retail trade and public dining		trade in urban settlements and rural areas	
		state trade	cooper- ative trade	retail trade	public dining	in urban settle- ments	in ru- ral areas
1940	18023	13108	4915	15676	2347	12778	5245
1945	16014	12460	3554	12704	3310	11846	4168
1946	24723	19853	4870	19841	4882	19114	5609
1950	35958	26104	9854	31215	4743	27298	8660
1955	50194	34736	15458	44314	5880	36867	13327
1960	78555	54904	23651	71532	7023	59675	18880
1965	104762	73805	30957	94697	10065	80668	24094
1970	155208	109341	45867	140175	15033	120035	35173
1975	210389	148741	61648	190772	19617	164967	45422
1976	220139	156490	63640	199618	20521	173796	46343
1977	230641	164475	66166	209282	21359	181786	48855
1978	241313	172579	68734	219097	22216	191001	50312

Retail Commodity Turnover of State and Cooperative Trade
Excluding Public Dining
(millions of rubles)

Years	Total volume of re- tail commodity turnover (exclud- ing public din- ing)	Breakdown of commodity turnover			
		state and cooperative trade		trade in urban settle- ments and rural areas	
		state trade	cooperative trade	in urban settlements	in rural areas
1940	15676	11226	4450	10870	4806
1945	12704	9505	3199	8955	3749
1946	19841	15683	4158	14998	4843
1950	31215	22312	8903	23282	7933
1955	44314	30215	14099	32102	12212
1960	71532	49295	22237	53675	17857
1965	94697	65599	29098	71871	22826
1970	140175	97088	43087	106848	33327
1975	190772	132642	58130	147591	43181
1976	199618	139681	59937	155614	44004
1977	209282	147006	62276	162912	46370
1978	219097	154455	64642	171385	47712

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Retail Commodity Turnover of Public Dining of State and Cooperative Trade
(millions of rubles)

Years	Total volume of commodity turn- over of public dining	Breakdown of commodity turnover			
		state and cooperative trade		trade in urban settle- ments and rural areas	
		state trade	cooperative trade	in urban settlements	in rural areas
1940	2347	1882	465	1908	439
1945	3310	2955	355	2891	419
1946	4882	4170	712	4116	766
1950	4743	3792	951	4016	727
1955	5880	4521	1359	4765	1115
1960	7023	5609	1414	6000	1023
1965	10065	8206	1859	8797	1268
1970	15033	12253	2780	13187	1846
1975	19617	16099	3518	17376	2241
1976	20521	16818	3703	18182	2339
1977	21359	17469	3890	18874	2485
1978	22216	18124	4092	19616	2600

Retail Commodity Turnover of State and Cooperative Trade,
Including Public Dining, by Union Republics
(millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
USSR.	18023	104762	155208	210389	220139	230641	241313
RSFSR	11670	63181	91250	122416	127917	133539	139354
Ukrainian SSR	3203	18504	27548	36919	38485	40410	42145
Belorussian SSR	524	3111	5233	7431	7769	8239	8682
Uzbek SSR	523	3214	4985	7242	7678	8187	8694
Kazakh SSR.	412	4997	7290	10167	10536	11040	11596
Georgian SSR.	333	1530	2315	3210	3382	3569	3760
Azerbaijan SSR.	297	1335	2051	2757	2941	3084	3227
Lithuanian SSR.	171	1274	2209	3053	3233	3391	3595
Moldavian SSR	107	1048	1752	2573	2728	2896	3053
Latvian SSR	189	1404	2241	2908	3066	3181	3324
Kirgiz SSR.	94	871	1382	1983	2087	2183	2305
Tadzhik SSR	100	726	1167	1675	1782	1895	2017
Armenian SSR.	109	759	1276	1840	1960	2100	2244
Turkmen SSR	127	636	1020	1472	1555	1650	1758
Estonian SSR.	121	820	1305	1678	1788	1871	1963

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Per Capita Retail Commodity Turnover of State and Cooperative Trade, Including Public Dining, by Union Republics in 1978

	Rubles (in actual 1978 prices)			1978 (in comparable prices) as a percentage of					
	including			1940			1970		
	per capita commodity turnover	foodstuffs	nonfood consumer items	per capita commodity turnover	foodstuffs	nonfood consumer items	per capita commodity turnover	foodstuffs	nonfood consumer items
USSR.	924	482	442	726	531	1100	144	133	157
RSFSR	1017	558	459	695	522	1049	144	135	158
Ukrainian SSR	848	419	429	798	572	1156	144	134	157
Belorussian SSR . . .	912	471	441	1185	941	1508	156	147	167
Uzbek SSR	573	262	311	550	367	848	136	123	148
Kazakh SSR.	795	401	394	894	652	1268	142	130	157
Georgian SSR.	752	347	405	622	455	832	151	142	159
Azerbaijan SSR. . . .	540	259	281	447	341	616	134	123	147
Lithuanian SSR. . . .	1062	540	522	1333	1046	1683	150	145	154
Moldavian SSR	776	334	442	1339	798	2147	158	147	166
Latvian SSR	1321	639	682	937	689	1295	139	130	148
Kirgiz SSR.	660	318	342	795	516	1253	140	127	154
Tadzhik SSR	538	238	300	633	399	993	134	121	148
Armenian SSR.	748	372	376	689	603	808	143	131	157
Turkmen SSR	646	293	353	495	330	781	136	117	160
Estonian SSR.	1343	680	663	814	659	1023	137	129	146

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Per Capita Retail Commodity Turnover of State and Cooperative Trade,
in Urban Settlements and in Rural Areas
(rubles)

	Urban per capita commodity turnover in urban settlements			Rural per capita commodity turnover in rural areas		
	all goods	food-stuffs	nonfood consumer items	all goods	food-stuffs	nonfood consumer items
USSR						
1950.	383	234	149	80	40	40
1955.	423	245	178	122	57	65
1960.	564	316	248	174	86	88
1965.	660	387	273	222	121	101
1970.	874	485	389	334	185	149
1975.	1074	575	499	450	242	208
1976.	1110	590	520	462	247	215
1977.	1142	599	543	490	260	230
1978--total	1179	613	566	507	268	239
including:						
RSFSR	1180	645	535	653	364	289
Ukrainian SSR	1136	559	577	400	201	199
Belorussian SSR	1296	652	644	454	256	198
Uzbek SSR	892	413	479	355	158	197
Kazakh SSR.	985	497	488	574	290	284
Georgian SSR.	1193	550	643	283	130	153
Azerbaijan SSR.	841	403	438	202	98	104
Lithuanian SSR.	1514	750	764	382	225	157
Moldavian SSR	1423	599	824	365	165	200
Latvian SSR	1685	802	883	545	292	253
Kirgiz SSR.	994	489	505	449	210	239
Tadzhik SSR	1053	466	587	262	116	146
Armenian SSR.	973	479	494	319	168	151
Turkmen SSR	975	454	521	343	144	199
Estonian SSR.	1664	826	838	610	348	262

The rural population buys a considerable amount of goods in urban stores. Thus, for example, according to a sample survey of families, the purchases of nonfood consumer items by kolkhoz farmers in urban stores made up approximately 40 percent of the total volume of purchases of these goods by them.

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Ratio of Foodstuffs and Nonfood Consumer Items in Total Volume
of Commodity Turnover of State and Cooperative Trade,
Including Public Dining
(percent)

Years	All goods	including	
		foodstuffs	nonfood consumer items
1940	100	63.0	37.0
1945	100	75.6	24.4
1946	100	74.5	25.5
1950	100	58.4	41.6
1955	100	54.9	45.1
1960	100	54.4	45.6
1965	100	57.7	42.3
1970	100	55.5	44.5
1975	100	53.6	46.4
1976	100	53.2	46.8
1977	100	52.6	47.4
1978	100	52.2	47.8

Sale of Goods to the Population on Credit in State and Cooperative Trade
(millions of rubles)

Years	All goods	including		
		clothing	cultural and personal goods	other goods
1960	633.0	363.5	223.0	46.5
1965	3371.7	1152.0	1631.4	588.3
1970	3122.1	825.8	1864.7	431.6
1975	4696.0	1345.6	2567.5	782.9
1976	4907.3	1468.9	2566.3	872.1
1977	5039.1	1494.4	2609.1	935.6
1978	4994.3	1478.8	2553.2	962.3

Commodity Structure of Retail Commodity Turnover of State and
Cooperative Trade, Including Public Dining*
(millions of rubles)

	1940	1965	1970	1975	1978
All goods.	18023	104762	155208	210389	241313
Foodstuffs	11357	60452	86168	112729	125857
Meat and sausage items	1111	7957	11751	16665	17668
meat and poultry	602	4649	6780	9964	10586
sausage items.	509	3308	4971	6701	7082

* The data on the increase of the sale of goods in comparable prices and on the sale in physical terms are cited on pages 388-391.

/Table continued on following page/

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	1940	1965	1970	1975	1978
Fish and herring.	315	1820	2315	2552	2617
fish.	194	1059	1846	2249	2447
herring	121	761	469	303	170
Canned goods.	95	1816	2697	3948	4450
meat.	4	416	445	772	625
fish.	32	498	731	1191	1631
vegetables and fruit and berries. . .	59	902	1521	1985	2194
Fats.	587	4167	5017	6100	6909
animal oil.	342	2373	3065	3808	4302
vegetable oil	174	902	967	1089	1187
other fats.	71	892	985	1203	1420
Milk and dairy products	217	3189	5065	6326	6741
Cheese and sheep's milk cheese. . . . }	524	812	1107	1326	
Eggs.	110	900	1600	2855	3543
Sugar	514	4663	5522	6129	6302
Confectionary items	664	4077	5929	7579	7922
Tea	89	422	590	826	1030
Salt.	36	111	131	147	147
Bread and bakery goods.	3097	6020	6800	7564	8100
Flour, groats and macaroni goods. . . .	628	2883	3717	4400	4811
flour	303	1471	1960	2298	2478
groats and legumes.	226	916	1214	1433	1596
macaroni goods.	99	496	543	669	737
Potatoes.	179	614	758	1084	1065
Vegetables.	174	1153	1866	2637	3460
Fruits, berries, watermelons and melons.	184	1521	2546	3178	3339
Other foodstuffs.	2873	17290	26971	37009	43409
Price markup in public dining	484	1325	2081	2623	3018
Nonfood consumer items.	6666	44310	69040	97660	115456
Fabrics	1165	4983	5026	6748	7025
cotton.	787	1871	1822	1568	1601
wool fabrics and shawls	196	1330	1345	2056	2195
silk.	113	1542	1530	2797	2833
linen	69	240	329	327	396
Clothing, underwear, headwear and fur .	1185	9493	15278	19361	22825
clothing and underwear.	1016	8691	14353	18254	21540
fur and fur goods	90	507	620	766	925
headwear.	79	295	305	341	360
Knitted goods, stockings, socks	369	4066	8567	11095	12692
knitted goods	235	3003	6871	9086	10255
stockings, socks.	134	1063	1696	2009	2437
Footwear.	661	5209	7693	9993	11016
leather, textile and combined	502	4280	6600	8859	9756
felt.	43	276	228	192	213
rubber.	116	653	865	942	1047

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	1940	1965	1970	1975	1978
Household soap.	104	352	262	256	218
Synthetic detergents.		135	435	690	790
Toilet soap and perfumery	293	716	1176	1807	2529
toilet soap	54	163	217	301	333
perfumery	239	553	959	1506	2196
Haberdashery and thread	319	2281	3638	5197	6231
haberdashery.	283	2156	3522	5072	6110
thread.	36	125	116	125	121
Tobacco items and makhorka.	530	1909	2780	3681	4127
Matches	43	115	137	158	170
Kerosene.	115	177	131	84	59
Furniture, rugs and metal beds.	197	2477	3604	5431	7059
furniture	144	1986	2883	4248	4896
rugs and carpet items		318	557	1061	2048
metal beds.	53	173	164	122	115
Metal utensils.	206	723	961	1334	1546
Glassware, porcelain and earthenware.	52	403	617	1181	1647
Cultural goods.	543	4647	7629	9876	11727
student notebooks, paper and office					
items	128	592	1015	1316	1513
publications.	189	1140	1734	2323	2811
sporting goods.	42	338	542	745	829
radio items	22	1525	2832	3522	4175
musical items	60	254	281	329	354
toys.	54	413	649	973	1192
other cultural goods.	48	385	576	668	853
Other nonfood consumer items.	884	6624	11106	20768	25795
including:					
bicycles and motorcycles.	17	716	1009	1326	1634
clocks.	32	433	578	896	1165
jewelry	10	107	533	1637	2731
electrical items.	3	981	2050	2733	3056
sewing machines	4	124	104	116	150
window glass.	10	43	50	56	48
timber, lumber, cement, bricks, rolled					
metal products and other construction					
materials	63	1063	1500	1995	2103

Sale by Consumer Cooperatives of Foodstuffs, Which Were Purchased
at Contract Prices and Accepted on Commission
(thousands of tons)

	1965	1970	1975	1976	1977	1978
Meat and poultry.	174.5	197.6	171.1	192.2	189.5	204.7
Fish.	5.7	6.9	8.8	6.2	5.7	5.1
Animal oil.	1.5	0.8	0.4	0.3	0.3	0.4

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	1965	1970	1975	1976	1977	1978
Vegetable oil.	51.5	37.0	33.6	35.0	24.7	18.7
Other fats	13.3	9.8	8.7	7.5	6.5	7.0
Milk and dairy products.	74.8	44.4	22.9	21.1	18.1	17.3
Eggs, millions	304.2	543.6	523.9	383.0	393.9	411.5
Honey.	10.6	14.0	16.6	16.0	16.0	16.2
Flour and food grain	174.8	332.9	163.2	115.4	150.3	156.7
All kinds of groats and legumes.	54.4	41.6	28.2	25.0	23.2	23.0
Potatoes	201.3	247.0	241.7	244.1	228.4	191.3
Vegetables	277.1	384.4	392.5	374.2	355.5	353.9
Fruits, berries, watermelons and melons	287.9	349.7	394.0	307.7	337.0	303.3
Grape, fruit and berry wines, thou- sands of dal	2165	2648	1633	1105	723	608

Production and Household Goods Allocated for Sale to the Population

	1940	1965	1970	1975	1976	1977	1978
Timber, thousands of solid m ³	330	2203	2524	1626	1737	1864	2028
Lumber, thousands of m ³	227	1661	2485	2838	2755	2517	2463
Standard houses, thousands of m ² of total area.	--	1434	1180	877	697	717	544
Sets of parts for standard houses with walls made from local con- struction materials, thousands of m ² of total area.	--	4471	3673	1809	1582	1617	1611
Cement, thousands of tons.	44	1891	1561	2309	2664	2679	2328
Roofing shingle, millions of conventional sheets.	18	1211	1700	2206	2438	2261	2005
Soft roofing, millions of m ²	5	206	212	274	321	342	345
Building glass, millions of m ²	8	51	53	50	49	47	46
Rolled ferrous metal products, thousands of tons.	12	107	223	117	133	135	130
Wire nails, thousands of tons.	8	148	193	198	198	193	187
Coal, millions of tons	...	17.4	24.4	27.6	26.8	27.8	29.2
Lamp kerosene, thousands of tons	...	2270	1686	966	840	738	685

Production and Household Goods Allocated for Sale to the Population
in Rural Areas

	1940	1965	1970	1975	1976	1977	1978
Timber, thousands of solid m ²	30	1490	1373	977	1195	1343	1360
Lumber, thousands of m ³	46	1013	1374	1880	1841	1721	1670
Standard houses, thousands of m ² of total area.	--	777	768	636	494	494	399

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	1940	1965	1970	1975	1976	1977	1978
Sets of parts for standard houses with walls made from local construction materials, thousands of m ² of total area.	--	2683	2159	1074	1088	1055	1036
Cement, thousands of tons. . . .	4	1181	998	1545	1845	1898	1589
Roofing shingle, millions of conventional sheets.	8	783	1046	1515	1707	1657	1422
Soft roofing, millions of m ² . .	2	139	139	199	240	252	251
Building glass, millions of m ² .	4	30	29	28	28	28	27
Rolled ferrous metal products, thousands of tons.	6	87	163	83	97	97	100
Wire nails, thousands of tons. .	5	107	133	143	141	136	132
Coal, millions of tons	...	12.8	15.1	10.2	8.2	6.5	6.2
Lamp kerosene, thousands of tons	...	1485	1201	729	647	564	524

Breakdown of Commodity Turnover of Public Dining Into Self-Produced Products and Purchased Goods

Years	Total commodity turnover, millions of rubles	including	
		self-produced products	purchased goods
1940	2347	1312	1035
1945	3310	1481	1829
1946	4882	1770	3112
1950	4743	1268	3475
1955	5880	2111	3769
1960	7023	3364	3659
1965	10065	5512	4553
1970	15033	8846	6187
1975	19617	12221	7396
1976	20521	12900	7621
1977	21359	13497	7862
1978	22216	14080	8136

Output of Dishes by Public Dining Enterprises

Years	Number of dishes, millions	Years	Number of dishes, millions
1940	8133	1965	22125
1945	14952	1970	31444
1946	12289	1975	40339
1950	6428	1976	42624
1955	10345	1977	44362
1960	15285	1978	46194

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Reserve Commodity Stocks in Retail and Wholesale Trade
and in Industry
(at end of the year)

Years	Millions of rubles			Reserve commodity stocks in retail trade as a per- centage of all stocks in retail and wholesale trade	In days of retail commod- ity turnover		
	in retail trade	in wholesale trade and in industry	total		in retail trade	in wholesale trade and in industry	total
1940	1636	1374	3010	54	34	29	63
1950	6410	3411	9821	65	70	37	107
1955	9887	2761	12648	78	77	21	98
1960	18176	6307	24483	74	85	29	114
1965	26381	9348	35729	74	96	34	130
1970	35253	10440	45693	77	88	26	114
1975	45420	12712	58132	78	84	24	108
1976	47283	11583	58866	80	84	21	105
1977	48742	12402	61144	80	82	21	103
1978	48688	11635	60323	81	79	19	98

Average Annual Number of Workers of Retail Trade and Public Dining
(thousands)

Years	Average annual number of workers at all trade organizations			including at consumer coopera- tives		
	in retail trade	at public dining en- terprises	total	in retail trade	at public dining en- terprises	total
1940	1414	788	2202	566	108	674
1950	1308	659	1967	505	93	598
1955	1634	856	2490	572	140	712
1960	2226	1069	3295	819	181	1000
1965	2974	1477	4451	1015	246	1261
1970	3763	1983	5746	1249	333	1582
1975	4345	2405	6750	1387	409	1796
1976	4418	2449	6867	1404	416	1820
1977	4495	2493	6988	1421	424	1845
1978	4559	2532	7091	1435	433	1868

The data on the number of workers employed in retail trade and public dining at all trade organizations are cited in the table; the number of workers

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employed on the staff of oblast and kray administrations of trade, at subsidiary enterprises, in transportation and in other sectors of the activity of trade organizations is not included.

Commodity Turnover Per Worker in Retail Trade and Public Dining
of the Ministry of Trade, Departments of Workers' Supply, Offices of
Food Supply for Workers and Employees and Consumer Cooperatives
(in comparable prices; 1940 = 100)

	1940	1965	1970	1975	1976	1977	1978
Retail trade.	100	208	241	286	293	300	308
Public dining	100	145	161	174	177	181	185

Marketing Costs in Trade

	1940	1965	1970	1975	1976	1977	1978
Total,* millions of rubles. . . .	1933	9251	14462	18868	19568	20518	21851
including:							
in wholesale trade.	210	885	1327	1623	1639	1653	1715
in retail trade	1250	6134	9412	12187	12647	13286	14151
in public dining.	449	1897	3188	4208	4406	4641	4976
Percent of commodity turnover of each sector of trade individually:							
in wholesale trade.	1.77	1.17	1.25	1.16	1.14	1.11	1.12
in retail trade	8.21	6.61	6.94	6.60	6.57	6.59	6.70
in public dining.	19.63	18.85	21.20	21.45	21.47	21.73	22.40
Percent of total amount of retail commodity turnover, including							
public dining--total.	11.04	9.00	9.60	9.24	9.19	9.20	9.36
including:							
in wholesale trade.	1.20	0.86	0.88	0.79	0.77	0.74	0.73
in retail trade	7.14	5.97	6.24	5.97	5.94	5.96	6.06
in public dining.	2.56	1.85	2.11	2.06	2.07	2.08	2.13

* The expenditures on the delivery, storage and sale of potatoes, vegetables and fruit at storehouses, which are not broken down into wholesale and retail trade, are included in the total amount of the marketing costs.

Marketing Costs of Retail Trade and Public Dining Enterprises

Years	Retail trade		Public dining	
	millions of rubles	percent of com- modity turnover	millions of rubles	percent of com- modity turnover
1940	1250	8.21	449	19.63
1950	2098	6.78	633	13.35
1955	2646	6.06	868	14.76
1960	4023	5.74	1144	16.29

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Years	Retail trade		Public dining	
	millions of rubles	percent of commodity turnover	millions of rubles	percent of commodity turnover
1965	6134	6.61	1897	18.85
1970	9412	6.94	3188	21.20
1975	12187	6.60	4208	21.45
1976	12647	6.57	4406	21.47
1977	13286	6.59	4641	21.73
1978	14151	6.70	4976	22.40

Marketing Costs of Retail Trade and Public Dining Enterprises
(in 1940 prices)

	1940	1965	1970	1975	1976	1977	1978
Marketing costs of retail trade as a percentage of the commodity turnover of the corresponding year.	8.21	8.72	8.74	8.28	8.24	8.29	8.48
Level of marketing costs (1940 = 100)	100	106	106	101	101.4	101	103
Costs of public dining enterprises as a percentage of the commodity turnover of the corresponding year	19.63	28.73	31.91	32.53	32.46	32.85	34.09
Level of costs (1940 = 100).	100	146	163	166	165	167	174

Structure of Marketing Costs of Retail Trade
(percent of commodity turnover)

	1940	1965	1970	1975	1976	1977	1978
All marketing costs.	8.21	6.61	6.94	6.60	6.57	6.59	6.70
Expenditures on rail, water and truck transportation	2.08	1.13	1.13	1.10	1.09	1.07	1.08
Wages.	2.51	2.91	3.13	2.87	2.84	2.89	2.99
Expenditures on rent and maintenance of facilities and appliances.	0.78	0.82	0.87	0.93	0.94	0.95	0.95
Expenditures on current repair	0.32	0.13	0.14	0.14	0.13	0.13	0.13
Expenditures on preparation, sorting, packaging and storage of goods, on purchase of ice and maintenance of refrigerator units.	0.17	0.11	0.18	0.19	0.19	0.19	0.18
Interest on credit	0.20	0.35	0.31	0.33	0.33	0.31	0.31
Losses of goods within set standards.	0.38	0.17	0.16	0.18	0.18	0.18	0.18
Losses of goods above set standards.		0.05	0.04	0.03	0.02	0.02	0.02

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Expenditures and losses on packaging.	0.18	0.11	0.09	0.08	0.07	0.07	0.06
Administrative and management expenses of superior links . . .	0.75	0.23	0.26	0.21	0.22	0.22	0.22
Other expenditures (deductions for social insurance, expenditures on labor safety, office expenses and others)	0.84	0.60	0.63	0.54	0.56	0.56	0.58

Structure of Costs of Public Dining Enterprises
(percent of commodity turnover)

	1940	1965	1970	1975	1976	1977	1978
All costs.	19.63	18.85	21.20	21.45	21.47	21.73	22.40
Expenditures on rail, water and truck transportation . . .	1.87	1.29	1.48	1.72	1.73	1.72	1.73
Wages.	9.56	11.29	12.83	12.57	12.56	12.79	13.42
Expenditures on rent and maintenance of facilities and appliances.	1.37	1.60	1.72	1.38	2.00	2.01	2.03
Expenditures on current repair	0.91	0.36	0.40	0.41	0.40	0.41	0.40
Fuel, steam, electric power. .	1.84	0.94	0.79	0.77	0.76	0.74	0.73
Wear of special sanitary work clothing, table linen and inexpensive items, dishes, silverware, as well as expenditures on washing and mending of special sanitary work clothing and table linen . . .	1.25	1.09	1.16	1.11	1.10	1.10	1.08
Losses of goods within set standards.	0.31	0.12	0.12	0.12	0.11	0.11	0.11
Losses of goods above set standards.		0.03	0.02	0.02	0.02	0.02	0.01
Expenditures and losses on packaging.	0.33	0.13	0.14	0.14	0.14	0.14	0.13
Administrative and management expenses of superior links . .	...	0.41	0.52	0.52	0.54	0.57	0.60
Other expenditures (deductions for social insurance, expenditures on labor safety, office expenses and others)	2.19	1.59	2.02	2.09	2.11	2.12	2.16

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Profitability of Retail Trade and Public Dining of the Ministry of Trade,
Departments of Workers' Supply, Offices of Food Supply for Workers
and Employeee and Consumer Cooperatives

Years	Retail trade			Public dining		
	markups on sold goods	marketing costs	profit from sale of goods	revenue from sale of goods	costs	profit from sale of goods
Millions of rubles*						
1940	1375	1050	325	495	378	117
1950	2228	1763	465	659	607	52
1955	3476	2365	1111	1002	838	164
1960	5258	3695	1563	1219	1121	98
1965	6740	5580	1160**	1799	1852	-53**
1970	10828	8493	2335	3308	3084	224
1975	14201	10978	3223	4290	4034	256
1976	14766	11365	3401	4503	4213	290
1977	15520	11899	3621	4751	4431	320
1978	16058	12651	3407**	4855	4743	112**
Percent of commodity turnover						
1940	10.70	8.17	2.53	23.02	17.92	5.10
1950	8.16	6.46	1.70	14.56	13.41	1.15
1955	8.43	5.74	2.69	17.65	14.78	2.87
1960	7.76	5.45	2.31	17.74	16.31	1.43
1965	7.55	6.25	1.30**	18.38	18.91	-0.53**
1970	8.35	6.55	1.80	22.74	21.20	1.54
1975	8.08	6.25	1.83	22.78	21.42	1.36
1976	8.08	6.22	1.86	22.92	21.44	1.48
1977	8.14	6.24	1.90	23.27	21.71	1.56
1978	8.07	6.36	1.71**	22.90	22.37	0.53**

* With allowance made for the network of Aptekoupravleniye, Knigotorg and the Main Administration for the Distribution of Printed Matter the profit from the sale of goods in retail trade and public dining in 1970 was 2,815,000,000 rubles, in 1975--3,901,000,000 rubles, in 1976--4,153,000,000 rubles, in 1977--4,415,000,000 rubles, in 1978--4,003,000,000 rubles

** The considerable increase of the marketing costs in retail trade and public dining in 1965 and 1978 is connected with the increase of the wages of trade workers. In 1965 a state grant in the amount of 430 million rubles and in 1978 a state grant in the amount of 600 million rubles were allocated to trade organizations to cover the additional expenditures on wages. With allowance made for these state grants the profit from sales as a percentage of the commodity turnover in retail trade in 1965 was 1.62, in 1978--1.89, in public dining in 1965--0.95, in 1978--1.66

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Indices of State Retail Prices
(percent of average annual prices)

Years	All goods	food- stuffs	including of them		nonfood consumer items	Of total amount of goods, goods in public dining
			foodstuffs excluding alcoholic items	alco- holic items		
1940 = 100						
1940	100	100	100	100	100	100
1950	186	203	187	289	165	194
1965	140	152	133	258	126	154
1970	139	152	133	262	124	155
1975	139	154	133	267	122	156
1976	139	154	133	267	122	156
1977	139	154	133	267	122	156
1978	140	155	135	269	123	158
1970 = 100						
1970	100	100	100	100	100	100
1975	99.7	100.9	100.5	102	98	100.9
1976	99.7	100.9	100.5	102	98	100.8
1977	100	100.9	100.6	102	99	100.9
1978	100.7	102	102	103	99.2	102

Indices of State Retail Prices for Individual Consumer Goods
(percent of average annual prices of 1940)

	1940	1965	1970	1975	1976	1977	1978
All goods.	100	140	139	139	139	139	140
Foodstuffs	100	152	152	154	154	154	155
Meat and poultry	100	152	152	152	152	152	152
Fish and herring	100	124	120	125	125	125	125
Animal oil	100	149	148	148	148	148	148
Vegetable oil.	100	132	132	132	132	132	132
Sugar.	100	173	169	169	169	169	169
Confectionary items.	100	174	169	169	169	169	174
Salt	100	117	117	117	117	117	117
Bread and bakery goods	100	111	111	111	111	111	111
Flour.	100	112	112	112	112	112	112
Groats and legumes	100	122	122	122	122	122	122
Macaroni items	100	114	114	114	114	114	114
Potatoes	100	126	132	144	129	130	133
Vegetables	100	154	181	188	191	194	200
Alcoholic items.	100	258	262	267	267	267	269

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
Nonfood consumer items.	100	126	124	122	122	122	123
Cotton fabrics.	100	175	170	170	170	170	170
Wool fabrics and shawls	100	160	156	156	156	156	156
Silk fabrics.	100	132	126	126	126	128	128
Clothing and underwear.	100	153	150	148	148	150	148
Knitted goods	100	169	167	161	161	159	155
Stockings and socks	100	107	93	90	90	90	90
Leather, textile and combined shoes	100	164	163	163	163	163	163
Rubber footwear	100	170	169	169	169	169	168
Haberdashery.	100	121	121	121	121	121	121
Tobacco items	100	111	111	111	111	111	111
Matches	100	163	163	163	163	163	163
Kerosene.	100	95	95	95	95	95	95
Student notebooks, paper and office items.	100	102	95	84	84	84	84
Wristwatches.	100	36	36	36	36	36	37
Bicycles and mopeds	100	79	76	73	73	73	73

Indices of State Retail Prices for Individual Consumer Goods
(percent of average annual prices of 1970)

	1970	1975	1976	1977	1978
All goods.	100	99.7	99.7	100	100.7
Foodstuffs	100	100.9	100.9	100.9	102
Meat and poultry	100	100	100	100	100
Fish and herring	100	104	104	104	104
Animal oil	100	100	100	100	100
Vegetable oil.	100	100	100	100	100
Sugar.	100	100	100	100	100
Confectionary items.	100	100	100	100	103
Salt	100	100	100	100	100
Bread and bakery goods	100	100	100	100	100
Flour.	100	100	100	100	100
Groats and legumes	100	100	100	100	100
Macaroni items	100	100	100	100	100
Potatoes	100	109	98	99	101
Vegetables	100	104	106	107	110
Alcoholic items.	100	102	102	102	103
Nonfood consumer items	100	98	98	99	99.2
Cotton fabrics	100	100	100	100	100
Wool fabrics and shawls.	100	100	100	100	100
Silk fabrics	100	100	100	101	101
Clothing and underwear	100	98	98	99	98
Knitted goods.	100	96	96	95	93
Stockings and socks.	100	97	97	96	96

/Table continued on following page/

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	1970	1975	1976	1977	1978
Leather, textile and combined shoes. .	100	100	100	99.5	99.5
Rubber footwear.	100	100	100	100	99.2
Haberdashery	100	100	100	100	99.7
Tobacco items.	100	100	100	100	100
Matches.	100	100	100	100	100
Kerosene	100	100	100	100	100
Student notebooks, paper and office items.	100	89	89	88	88
Wristwatches	100	100	100	100	103
Bicycles and mopeds.	100	95	95	95	95
Motorcycles and motor scooters . . .	100	96	96	96	96
Televisions.	100	78	78	77	68
Sewing machines.	100	100	100	100	100
Cameras.	100	100	100	100	100

Number of Retail Trade Enterprises of State and Cooperative
Organizations by Types of Enterprises
(at end of the year; thousands)

Years	Number of enter- prises	including		Of the total number of enterprises			
		stores	stalls	in urban settle- ments		in rural areas	
				stores	stalls	stores	stalls
1940	407.2	307.1	100.1	90.7	62.7	216.4	37.4
1945	245.1	194.8	50.3	64.3	33.9	130.5	16.4
1946	285.0	219.9	65.1	73.0	44.9	146.9	20.2
1950	415.8	298.4	117.4	108.7	80.4	189.7	37.0
1955	487.5	352.5	135.0	134.7	86.2	217.8	48.8
1960	567.3	413.0	154.3	170.7	107.6	242.3	46.7
1965	643.3	471.7	171.6	207.0	116.1	264.7	55.5
1970	682.0	500.0	182.0	221.3	124.4	278.7	57.6
1975	696.1	521.0	175.1	237.4	122.8	283.6	52.3
1976	969.5	523.0	173.5	240.1	120.1	282.9	53.4
1977	695.6	525.5	170.1	242.6	118.0	282.9	52.1
1978	695.9	528.1	167.8	245.3	117.2	282.8	50.6

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Number of Public Dining Enterprises of State and Cooperative
Organizations by Types of Enterprises
(at end of the year; thousands)

Years	Number of enter- prises	Including			Of total number of public dining enter- prises	
		factory kitchens	dining rooms and restau- rants	snack bars and buffets	in urban settle- ments	in rural areas
1940	87.6	0.133	46.9	40.6	59.2	28.4
1945	73.4	0.115	55.0	18.3	51.6	21.8
1946	70.5	0.115	48.5	21.9	48.2	22.3
1950	95.4	0.092	39.9	55.4	69.8	25.6
1955	118.1	0.095	52.8	65.2	83.1	35.0
1960	147.2	0.126	66.4	80.7	108.8	38.4
1965	192.7	0.187	96.7	95.8	137.1	55.6
1970	237.3	0.217	131.1	106.0	166.5	70.8
1975	274.5	0.237	164.1	110.2	188.9	85.6
1976	280.7	0.238	169.0	111.5	192.7	88.0
1977	286.2	0.237	175.7	110.3	196.6	89.6
1978	292.1	0.250	182.3	109.5	200.6	91.5

Number of Enterprises of Retail Trade and Public Dining of State
and Cooperative Organizations by Union Republics
(at end of the year; thousands)

	Number of enterprises of re- tail trade					Number of enterprises of public dining				
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
USSR.	407.2	643.3	682.0	696.1	695.9	87.6	192.7	237.3	274.5	292.1
RSFSR	227.2	344.7	357.4	361.1	359.4	51.6	106.2	126.8	143.6	151.9
Ukrainian SSR .	92.2	139.6	148.2	148.3	145.9	18.7	38.4	47.7	53.6	55.2
Belorussian SSR	18.7	22.9	24.2	24.6	24.5	2.5	5.9	7.8	9.9	10.7
Uzbek SSR . . .	14.2	24.2	28.7	32.3	34.0	3.0	9.6	12.3	15.2	16.7
Kazakh SSR. . .	12.8	35.9	39.4	40.5	41.5	2.2	8.6	11.1	13.8	15.3
Georgian SSR. .	7.6	14.1	15.2	15.1	15.5	1.8	4.7	5.8	6.6	7.2
Azerbaijan SSR.	7.5	13.7	15.6	16.7	17.4	2.3	5.1	6.2	7.4	8.4
Lithuanian SSR.	4.2	7.0	7.2	7.4	7.4	0.7	1.9	2.5	3.1	3.5
Moldavian SSR .	3.8	7.7	9.1	10.3	10.3	0.9	2.0	2.9	3.6	4.0
Latvian SSR . .	5.1	7.0	6.9	7.1	7.1	0.9	2.2	2.5	2.9	3.1
Kirgiz SSR. . .	2.5	6.2	7.1	7.6	7.6	0.5	1.6	2.4	2.8	3.1
Tadzhik SSR . .	3.0	5.3	6.3	7.0	7.3	0.7	1.7	2.4	3.4	3.8
Armenian SSR. .	2.7	5.7	6.7	7.4	7.1	0.6	1.9	2.9	3.6	3.8
Turkmen SSR . .	2.7	4.7	5.3	5.9	6.2	0.7	1.2	1.9	2.5	2.8
Estonian SSR. .	3.0	3.9	3.9	4.0	3.9	0.5	1.3	1.6	1.9	2.0

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Floor Space of Stores and the Number of Seats at Public Dining Enterprises of State and Cooperative Organizations by Union Republics (at end of the year)

	Floor space in stores, thousands of m ²				Number of seat at public dining enterprises, thousands			
	1965	1970	1975	1978	1965	1970	1975	1978
USSR.	24756	31457	39280	43570	6862	10026	13713	15896
RSFSR	14168	17732	21905	24120	3944	5605	7529	8617
Ukrainian SSR	4918	6414	7926	8741	1310	2042	2812	3219
Belorussian SSR	970	1221	1530	1761	206	335	513	616
Uzbek SSR	705	1050	1473	1722	268	380	578	708
Kazakh SSR.	1337	1693	2115	2385	264	385	561	678
Georgian SSR.	508	555	713	790	161	222	261	303
Azerbaijan SSR.	367	428	565	629	142	191	258	314
Lithuanian SSR.	297	387	483	518	86	132	190	226
Moldavian SSR	252	349	482	555	70	117	176	219
Latvian SSR	339	375	431	451	125	170	214	234
Kirgiz SSR.	173	250	341	405	51	79	109	144
Tadzhik SSR	200	260	342	398	57	84	119	143
Armenian SSR.	198	303	396	457	57	110	156	198
Turkmen SSR	128	199	290	340	38	56	87	107
Estonian SSR.	176	210	245	258	65	91	118	130

Specialization of Stores of the Ministry of Trade, Departments of Workers' Supply, Offices of Food Supply for Workers and Employees and the Firm Network of Ministries (at end of the year)

	1940	1965	1970	1975	1976	1977	1978
All stores.	101034	183288	197383	211076	213095	214764	216715
Food.	39065	87140	95190	100750	101756	102391	103008
Nonfood	29772	75158	82178	90403	91254	92325	93542
Mixed	32197	20990	20015	19923	20085	20048	20165
I. Specialization of food stores							
All food stores	39065	87140	95190	100750	101756	102391	103008
Bakery and bread. . . .	6879	11571	12345	12386	12294	12162	12031
Meat, meat and fish, meat, fish and vegetables, fish.	1800	4569	4761	4934	4924	4736	4452
Fruit and vegetable . .	1893	6525	7907	9064	9300	9327	9698
Dairy	605	3148	3600	3585	3566	3507	3497
Wine and liquor	3750	515	925	1985	2730	3584	4196
Waters and ice creams .	984	883	1005	986	982	982	969

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	1940	1965	1970*	1975	1976	1977	1978
Dietary products and children's food. . . .	5904	219	192	220	240	254	270
With universal assortment and other specialized stores. . . .		12811	13238	14825	14976	15043	15149
Nonspecialized food stores		17250	46899	51217	52765	52744	52796
II. Specialization of nonfood stores							
All nonfood stores . .	29772	75158	82178	90403	91254	92325	93542
Fabrics.	212	2068	1877	1548	1538	1515	1495
Shoes.	205	2583	2512	2738	2766	2764	2811
Clothing and underwear	173	2704	2578	2709	2713	2834	2862
Furs and headwear. . .	386	292	196	169	163	159	151
Haberdashery, knitted goods and perfumes . .	1317	3706	4371	4855	4942	4954	5026
Children's goods . . .	...	887	1051	1245	1299	1332	1368
Cultural goods	664	1911	1969	1954	1960	1982	2000
Books*	2446	5862	6836	7907	8017	8168	8314
Household dishes . . .	2042	5838	6288	6987	7082	7197	7297
Furniture.	719	1997	2099	2197	2246	2268	2314
Petroleum stores . . .	1510	1868	1589	1211	1124	1060	987
Construction materials	9	1136	1280	1338	1354	1332	1361
Drugstores and sanitation and hygiene stores	11111	19908	22909	25256	25575	25914	26266
Other specialized stores	1774	4304	5733	6956	7151	7344	7681
Nonspecialized nonfood stores.	5808	18134	18939	21078	20955	20969	20954
Department stores. . .	290	573	601	615	631	656	681
For the sale of bought up items	776	136	80	47	45	44	38
Commission stores. . .	330	1158	1270	1593	1693	1833	1936

*In 1956 the network of bookstores of the former Main Administration of Publishing Houses, the Printing Industry and the Book Trade in rural areas was turned over to consumer cooperatives; in this connection the data for 1940 for the purposes of comparability are shown with the exclusion of these stores. The number of book stores of consumer cooperatives at the end of 1978 was 8,853.

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Grouping of Public Dining Enterprises of State and Cooperative
Trade by Location
(at end of the year; thousands)

	1965		1970		1975		1978	
	Number of operat- ing enterprises	Seats at them	Number of operat- ing enterprises	Seats at them	Number of operat- ing enterprises	Seats at them	Number of operat- ing enterprises	Seats at them
All public dining enter- prises.	192.7	6862	237.3	10026	274.5	13713	292.1	15896
including:								
at industrial enter- prises.	32.7	1736	42.4	2530	51.7	3467	56.3	3979
at construction projects	3.4	130	5.4	222	7.0	312	7.9	361
at transportation enter- prises.	5.5	172	7.2	242	8.8	328	9.5	373
at institutions	14.7	500	17.7	685	21.8	932	24.0	1061
at general educational schools	45.8	1173	54.3	1992	61.7	3220	64.8	4061
at higher educational institutions and tekhn- nikums	5.9	295	7.9	441	9.4	617	10.1	709
at institutions of vo- cational and technical education.	3.6	295	4.4	401	5.2	556	5.9	666
at entertainment enter- prises, stadiums and parks.	6.8	110	7.3	164	6.3	168	6.1	171
at sovkhoses	13.0	391	17.2	560	20.5	725	22.4	831
at timber managements, logging and other en- terprises and organ- izations	7.2	165	9.1	215	9.7	251	9.6	260
at airports, railroad stations and piers . .	5.9	158	6.5	194	6.7	231	6.9	256
not connected with serving the contin- gent of any specific enterprise, institu- tion	48.2	1737	57.9	2380	65.7	2906	68.6	3168

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Number of Stores and Their Floor Space (at end of the year)						
Years	For all trade organizations			For state trade organizations		
	number of stores, thou- sands	floor space, ² millions of m ²	average floor space per store, m ²	number of stores, thou- sands	floor space, ² millions of m ²	average floor space per store, m ²
1955	352.5	12.6	35.7	134.0	6.1	45.4
1960	413.0	17.6	42.7	158.9	8.5	53.6
1965	471.7	24.8	52.5	189.5	13.4	70.8
1970	500.0	31.5	62.9	202.0	16.8	83.2
1975	521.0	39.3	75.4	215.9	21.4	98.9
1976	523.0	40.7	77.8	218.0	22.2	101.8
1977	525.5	42.2	80.2	220.0	22.9	104.3
1978	528.1	43.6	82.5	222.0	23.6	106.4

Number of Seats at Public Dining Enterprises (at end of the year)				
Years	For all trade organizations		For state trade organizations	
	Number of seats, thousands	Average number of seats per enterprise	Number of seats, thousands	Average number of seats per enterprise
1955	3084	30.5	2497	36.9
1960	4459	34.3	3460	40.0
1965	6862	40.8	5395	50.0
1970	10026	47.1	7940	56.9
1975	13713	54.9	10780	65.9
1976	14434	56.2	11312	67.2
1977	15139	58.9	11800	70.7
1978	15896	60.2	12323	71.8

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Number of Enterprises of Retail Trade and Public Dining
of Consumer Cooperatives
(at end of the year; thousands)

Years	Enterprises of retail trade			Enterprises of public dining		
	total	including		total	including	
		stores	stalls		dining rooms and restaurants	snack bars and buffets
1940	229.3	197.6	31.7	17.5	12.2	5.3
1945	124.2	114.3	9.9	14.1	11.2	2.9
1950	214.0	181.2	32.8	24.4	11.2	13.2
1955	265.3	214.5	50.8	33.5	17.6	15.9
1960	312.0	254.1	57.9	43.4	21.2	22.2
1965	350.8	282.2	68.6	60.3	28.5	31.8
1970	369.7	298.0	71.7	73.3	38.3	35.0
1975	371.8	305.1	66.7	86.3	49.9	36.4
1976	371.1	305.0	66.1	88.4	52.1	36.3
1977	369.4	305.5	63.9	90.4	54.4	36.0
1978	368.4	306.1	62.3	92.5	57.1	35.4

Number of Enterprises of Retail Trade and Public Dining
Per 10,000 People by Union Republics
(at end of the year)

	Enterprises of retail trade					Enterprises of public dining				
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
USSR.	21	28	28	27	27	4	8	10	11	11
RSFSR	20	27	27	27	26	5	8	10	11	11
Ukrainian SSR	22	31	31	30	29	4	8	10	11	11
Belorussian SSR	21	26	27	26	26	3	7	9	11	11
Uzbek SSR	21	23	24	23	22	4	9	10	11	11
Kazakh SSR.	20	30	30	29	28	3	7	8	10	10
Georgian SSR.	21	31	32	31	31	5	10	12	13	14
Azerbaijan SSR.	23	30	30	29	29	7	11	12	13	14
Lithuanian SSR.	14	23	23	22	22	2	6	8	9	10
Moldavian SSR	15	23	25	27	26	3	6	8	9	10
Latvian SSR	27	31	29	28	28	5	9	11	12	12
Kirgiz SSR.	16	24	24	23	22	3	6	8	8	9
Tadzhik SSR	19	21	21	20	19	4	7	8	10	10
Armenian SSR.	20	25	26	26	23	4	9	11	12	13
Turkmen SSR	20	24	24	23	22	6	6	9	10	10
Estonian SSR.	28	30	29	28	26	5	10	12	13	13

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Floor Space at Stores and the Number of Seats at Public Dining
Enterprises Per 10,000 People by Union Republics
(at end of the year)

	Floor space at stores, m ²				Number of seats at pub- lic dining enterprises			
	1965	1970	1975	1978	1965	1970	1975	1978
USSR.	1066	1290	1537	1661	295	411	536	606
RSFSR	1114	1357	1626	1754	310	429	559	627
Ukrainian SSR	1080	1350	1613	1757	288	430	572	647
Belorussian SSR	1121	1345	1630	1842	238	369	547	645
Uzbek SSR	678	864	1039	1120	258	313	407	460
Kazakh SSR.	1110	1282	1488	1625	219	292	395	462
Georgian SSR.	1128	1174	1450	1576	358	469	531	604
Azerbaijan SSR.	791	819	985	1044	306	364	450	521
Lithuanian SSR.	994	1222	1455	1524	289	417	574	666
Moldavian SSR	748	964	1250	1406	207	324	455	556
Latvian SSR	1487	1573	1737	1792	549	713	860	928
Kirgiz SSR.	662	835	1023	1148	193	265	327	409
Tadzhik SSR	783	872	978	1049	223	282	341	376
Armenian SSR.	884	1189	1387	1510	253	432	548	653
Turkmen SSR	668	897	1133	1232	197	252	339	387
Estonian SSR.	1357	1529	1705	1758	504	666	823	888

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CONSUMER SERVICES

Main Indicators of Consumer Services

	1965	1970	1975	1976	1977	1978
Number of enterprises (at end of the year), thousands.	192.9	239.4	263.0	262.8	263.5	265.7
including in rural areas.	80.2	102.9	108.9	108.2	109.1	109.7
Volume of consumer services (1970=100)		100	164	177	188	203
including in rural areas.		100	192	212	230	252
Average annual number of workers at enterprises and receiving centers, thousands	1321	1869	2293	2383	2450	2504

Number of Consumer Service Enterprises by Types of Services
(at end of the year; thousands)

	1965	1970	1975	1976	1977	1978
All enterprises.	192.9	239.4	263.0	262.8	263.5	265.7
including by types of consumer services:						
repair and custom-making of shoes. . .	30.4	33.5	31.2	30.2	29.3	28.8
repair and custom-making of clothes. .	33.1	40.1	42.7	42.2	41.3	41.1
repair, custom-making and knitting of knitted goods	2.0	3.2	2.9	2.8	2.7	2.7
repair of radios and televisions, household machines and appliances, vehicles, repair and production of metal items.	20.9	27.0	33.0	32.6	32.4	33.1
repair and production of furniture . .	3.1	3.1	4.3	3.7	3.7	3.8
dry cleaning and dyeing.	0.8	1.1	1.8	1.9	2.0	2.0
laundries.	2.2	3.6	4.5	4.5	4.6	4.7
construction and repair of apartments	4.2	7.7	10.4	11.1	11.4	11.9
photography.	10.2	11.9	13.9	14.2	14.5	14.7
bath houses and showers.	23.2	29.5	31.2	31.6	32.2	32.2
barbers and hairdressers	35.3	42.3	46.1	45.6	46.2	47.0
rental centers	7.1	7.8	10.2	10.7	11.4	11.7

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Number of Consumer Service Enterprises by Union Republics
(at end of the year; thousands)

	1965	1970	1975	1976	1977	1978
USSR.	192.9	239.4	263.0	262.8	263.5	265.7
RSFSR	95.4	113.0	120.7	119.4	119.4	119.2
Ukrainian SSR	40.1	49.5	54.8	56.3	55.8	56.7
Belorussian SSR	6.5	9.1	10.6	10.8	10.9	11.2
Uzbek SSR	8.4	13.4	16.2	16.1	16.6	17.2
Kazakh SSR.	10.8	13.3	15.4	15.2	15.5	15.9
Georgian SSR.	7.3	9.5	10.0	9.6	9.9	10.1
Azerbaijan SSR.	5.4	6.4	7.9	8.1	8.2	8.5
Lithuanian SSR.	3.1	3.4	3.7	3.7	3.6	3.5
Moldavian SSR	3.5	4.3	4.5	4.7	4.5	4.6
Latvian SSR	2.3	2.8	3.0	2.8	2.9	2.5
Kirgiz SSR.	2.1	2.9	3.3	3.3	3.4	3.6
Tadzhik SSR	2.3	3.7	4.0	4.0	4.1	4.1
Armenian SSR.	2.6	3.8	4.2	4.1	4.0	3.9
Turkmen SSR	1.2	2.1	2.6	2.7	2.7	2.8
Estonian SSR.	1.9	2.2	2.1	2.0	2.0	1.9

Number of Consumer Service Enterprises in Rural Areas by Union Republics
(at end of the year; thousands)

	1965	1970	1975	1976	1977	1978
USSR.	80.2	102.9	108.9	108.2	109.1	109.7
RSFSR	37.3	44.8	45.1	44.3	44.5	43.7
Ukrainian SSR	15.5	17.9	18.4	18.9	18.7	19.4
Belorussian SSR	2.6	4.4	5.0	5.2	5.2	5.4
Uzbek SSR	4.4	8.3	10.2	10.0	10.3	10.7
Kazakh SSR.	6.3	7.9	9.1	8.8	9.1	9.4
Georgian SSR.	3.1	4.7	4.3	4.0	4.1	4.2
Azerbaijan SSR.	1.2	1.8	2.5	2.7	2.8	2.9
Lithuanian SSR.	2.4	2.5	2.7	2.7	2.7	2.6
Moldavian SSR	2.0	2.3	2.5	2.6	2.5	2.5
Latvian SSR	1.4	1.8	1.8	1.7	1.8	1.4
Kirgiz SSR.	1.0	1.5	1.8	1.8	1.9	2.0
Tadzhik SSR	1.0	1.8	1.9	1.9	2.0	2.0
Armenian SSR.	0.6	1.2	1.4	1.4	1.3	1.3
Turkmen SSR	0.3	0.6	0.8	0.9	0.9	0.9
Estonian SSR.	1.1	1.4	1.4	1.3	1.3	1.3

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Volume of Consumer Services by Types
(in comparable prices of 1976; millions of rubles)

	1975	1976	1977	1978
Total volume of consumer services.	5457.7	5895.3	6276.9	6776.5
including by types:				
repair and custom-making of shoes. . . .	492.6	521.8	559.8	608.2
repair and custom-making of clothes* . .	1298.7	1364.9	1338.4	1416.2
repair, custom-making and knitting of knitted goods*	218.7	244.5	268.3	294.5
repair of radios and televisions, house- hold machines and appliances, vehicles, repair and production of metal items* . .	469.1	564.4	658.6	744.0
repair and production of furniture . . .	168.5	189.6	213.6	233.1
dry cleaning and dyeing.	144.6	154.7	160.2	170.9
laundries.	275.4	295.5	314.4	333.2
construction and repair of apartments* .	434.9	470.6	508.0	543.1
photography.	248.0	275.0	298.4	317.5
bath houses and showers.	162.5	167.9	170.8	176.6
barbers and hairdressers	514.2	526.5	555.1	597.6
rental centers	81.1	91.6	104.3	122.2

* Processing cost.

Volume of Consumer Services by Types in Rural Areas
(in comparable prices of 1976; millions of rubles)

	1975	1976	1977	1978
Total volume of consumer services.	1352.0	1489.9	1614.5	1771.8
including by types:				
repair and custom-making of shoes. . . .	115.7	127.0	141.3	160.3
repair and custom-making of clothes* . .	291.9	309.9	305.5	325.7
repair, custom-making and knitting of knitted goods*	81.4	97.1	109.3	124.5
repair of radios and televisions, house- hold machines and appliances, vehicles, repair and production of metal items* . .	86.8	103.6	119.9	133.1
repair and production of furniture . . .	69.2	80.0	92.9	104.2
dry cleaning and dyeing.	12.4	13.7	14.8	16.1
laundries.	12.8	15.2	17.7	20.2
construction and repair of apartments* .	223.4	239.1	256.9	277.8
photography.	51.2	57.4	62.0	66.5
bath houses and showers.	26.7	28.1	28.8	29.4
barbers and hairdressers	48.3	51.3	55.0	59.4
rental centers	5.8	7.1	8.5	10.6

* Processing cost.

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Volume of Consumer Services by Union Republics
(in comparable prices of 1976; millions of rubles)

	1975	1976	1977	1978
USSR.	5457.7	5895.3	6276.9	6776.5
RSFSR	3044.9	3267.6	3451.4	3717.0
Ukrainian SSR	1086.1	1172.2	1263.4	1363.6
Belorussian SSR	213.7	233.4	245.2	268.0
Uzbek SSR	176.2	198.7	221.7	245.9
Kazakh SSR.	264.0	286.2	303.9	327.1
Georgian SSR.	96.0	106.6	116.4	126.9
Azerbaijan SSR.	70.0	77.7	83.0	91.3
Lithuanian SSR.	89.1	96.3	102.8	110.4
Moldavian SSR	80.5	88.9	95.7	104.1
Latvian SSR	101.4	107.4	113.5	118.8
Kirgiz SSR.	54.0	59.1	63.2	69.0
Tadzhik SSR	49.1	54.5	59.4	65.3
Armenian SSR.	46.3	51.5	57.5	62.8
Turkmen SSR	36.1	40.8	42.6	46.3
Estonian SSR.	50.3	54.4	57.2	60.0

Volume of Consumer Services in Rural Areas by Union Republics
(in comparable prices of 1976; millions of rubles)

	1975	1976	1977	1978
USSR.	1352.0	1489.9	1614.5	1771.8
RSFSR	633.1	696.7	746.8	816.9
Ukrainian SSR	263.1	285.0	311.6	339.3
Belorussian SSR	56.2	64.6	69.6	78.1
Uzbek SSR	73.0	84.4	95.7	108.8
Kazakh SSR.	94.0	104.2	113.0	122.7
Georgian SSR.	21.6	24.9	28.9	34.0
Azerbaijan SSR.	12.4	13.8	15.6	18.2
Lithuanian SSR.	34.8	37.5	40.4	42.8
Moldavian SSR	40.5	44.9	48.4	52.4
Latvian SSR	44.8	46.9	49.3	52.7
Kirgiz SSR.	18.4	20.6	22.3	24.9
Tadzhik SSR	19.1	21.0	23.5	27.2
Armenian SSR.	8.6	9.8	11.8	12.8
Turkmen SSR	12.6	14.6	15.7	18.2
Estonian SSR.	19.8	21.0	21.9	22.8

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PUBLIC EDUCATION AND CULTURE

Number of Students by Types of Instruction
(at beginning of school year; thousands)

	1914/15	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
All who were taught. . . .	10588	47547	71857	79634	92605	93708	94881	98145
including:								
at general educational schools.	9656	35552	48255	49193	47594	46468	45445	44711
of them:								
at day general educational schools	9656	34784	43410	45448	42611	41551	40625	39912
at evening (shift) general educational schools (including those who studied by correspondence). . . .	--	768	4845	3745	4983	4917	4820	4799
at vocational and technical educational institutions (including factory training schools and departmental vocational schools).	106	717	1701	2591	3381	3552	3681	3827
at secondary specialized educational institutions	54	975	3659	4388	4525	4623	4662	4672
at higher educational institutions	127	812	3861	4581	4854	4950	5037	5110
learned new occupations and improved their skills at enterprises, institutions, organizations and kolkhozes, as well as were covered by other types of instruction (except network of political education).	645	9491	14381	18881	32251	34115	36056	39825

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Number of People Who Received a Secondary (General and Specialized)
Education During the Years of Soviet Power
(thousands)

Years	Total	Average a year	Years	Total	Average a year
1918-1928	738	67.1	1956-1960	8641	1728.1
1929-1932	577	144.3	1961-1965	6710	1342.0
1933-1937	1109	221.8	1966-1970	16143	3228.7
1938-1940	1405	468.4	1971-1975	18994	3799.0
1941-1945	1320	264.0	1976	4757	
1946-1950	2332	466.4	1977	5067	
1951-1955	5097	1019.3	1978	5180	

During 1918-1978 78.1 million people received a secondary (general and specialized) education, of them 60.6 million graduated from secondary general educational schools, 15.9 million--from tekhnikums and other secondary specialized educational institutions (those admitted after graduation from an incomplete secondary school) and 1.6 million--from secondary vocational and technical schools.

A universal compulsory secondary education is being implemented in our country.

General Educational Schools
(at beginning of the school year)

	1914/15	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Number of general educational schools, thousands. . .	124	199	214	190	164	159	154	150
Number of students, millions	9.7	35.6	48.3	49.2	47.6	46.5	45.4	44.7
including:								
in 1st-3d grades	8.1	16.1	15.4	15.3	12.7	12.5	12.6	12.9
in 4th-8th grades	1.5	18.2	24.9	26.3	24.1	23.1	22.1	21.4
of them in 8th grade	0.1	1.3	4.7	5.1	5.4	5.0	4.9	4.7
in 9th-10th (11th) grades	0.1	1.3	8.0	7.6	10.8	10.9	10.7	10.4
Number of teachers, thousands.	280	1238	2497	2618	2703	2671	2652	2641

Schools and groups with an extended day have undergone further development. At the beginning of the 1978/79 school year there were 9.9 million students at schools and in groups with an extended day and at boarding schools.

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Day General Educational Schools
(at beginning of the school year)

	1914/15	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Number of schools, thousands.	123.7	191.5	190.4	174.6	149.5	144.7	140.5	137.1
including:								
elementary	119.4	125.9	94.4	74.5	47.9	43.4	39.7	36.7
incomplete secondary . .	2.0	45.7	62.4	53.8	47.7	46.0	44.4	43.2
secondary.	2.3	18.8	31.9	44.2	51.5	52.8	53.9	54.7
schools for mentally retarded and physically handicapped children . .	--	1.1	1.7	2.1	2.4	2.5	2.5	2.5
Number of students, millions.	9.7	34.8	43.4	45.4	42.6	41.5	40.6	39.9
including:								
at elementary schools. .	8.6	9.8	3.8	2.4	1.0	0.9	0.8	0.7
at incomplete secondary schools.	0.3	12.5	16.6	12.5	8.8	7.9	7.3	6.7
at secondary schools . .	0.8	12.2	22.7	30.2	32.4	32.3	32.1	32.0
at schools for mentally retarded and physically handicapped children . .	--	0.3	0.3	0.3	0.4	0.4	0.4	0.5
Number of teachers, thousands.	280	1216	2366	2510	2583	2555	2535	2526

Number of Students of Day General Educational Schools
by Groups of Grades
(at beginning of school year; millions)

	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Total students.	34.8	43.4	45.4	42.6	41.5	40.6	39.9
including:							
in urban settlements.	10.8	21.8	23.0	22.3	21.9	21.7	21.6
in rural areas.	24.0	21.6	22.4	20.3	19.6	18.9	18.3
In 1st-3d grades--total	15.8	15.2	15.2	12.6	12.4	12.5	12.8
including:							
in urban settlements.	3.9	7.1	7.3	6.5	6.5	6.8	7.1
in rural areas.	11.9	8.1	7.9	6.1	5.9	5.7	5.7
In 4th-8th grades--total.	17.5	23.1	25.1	23.4	22.4	21.6	20.8
including:							
in urban settlements.	6.1	11.5	12.7	12.1	11.7	11.3	11.0
in rural areas.	11.4	11.6	12.4	11.3	10.7	10.3	9.8

[Table continued on following page]

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	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
In 9th-10th (11th) grades--total.	1.2	4.8	4.8	6.2	6.3	6.1	5.8
including:							
in urban settlements.	0.7	3.0	2.8	3.4	3.4	3.3	3.1
in rural areas.	0.5	1.8	2.0	2.8	2.9	2.8	2.7
In schools for mentally retarded and physically handicapped children	0.3	0.3	0.3	0.4	0.4	0.4	0.5
including:							
in urban settlements.	0.1	0.2	0.2	0.3	0.3	0.3	0.4
in rural areas.	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Labor Training of Students of Day Secondary General Educational
Schools at the Beginning of the 1978/79 School Year

	Total	including	
		in urban settlements	in rural areas
Number of day secondary general educa- tional schools which carry out labor training.	40672	16902	23770
Number of students of 9th-10th (11th) grades, who are undergoing labor training, thousands	4011	2051	1960
including at enterprises and organ- izations (percent):			
industry.	25	44	5
agriculture	39	5	74
transportation and communications .	17	21	13
construction.	2	3	1
trade, public dining, material and technical supply and marketing, pro- curements	4	7	1

The training of students for socially useful labor is one of the main tasks of general educational schools.

At present 74 percent of the day secondary general educational schools of the country are carrying out the labor training of students. Students of the 9th-10th (11th) grades undergo labor training at enterprises, organizations, kolkhozes and sovkhoses, interschool educational and production combines, in student production brigades and in other labor associations of students, at workshops, laboratories and offices.

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Evening (Shift) General Educational Schools
(at beginning of the school year)

	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Number of schools*--total.	7276	23893	15116	14736	14020	13573	13039
including independent schools.	12842	10246	10477	10489	10377	10287	
Number of students (including those studying by correspondence), thousands.	768	4845	3745	4983	4917	4820	4799
in 1st-8th grades.	658	1729	903	453	359	299	257
in 9th-11th grades.	110	3116	2842	4530	4558	4521	4542

*Including day general educational schools, at which classes have been organized for the training of young workers, independent correspondence schools; for 1940/41--including workers' schools and schools for adults.

Graduation of Students From General Educational Schools
(thousands)

Years	Graduated from incomplete secondary school			Graduated from complete secondary school		
	total	including		total	including	
		day	evening		day	evening
1940	1860	1794	66	303	277	26
1950	1491	1360	131	284	228	56
1955	3582	3332	250	1247	1068	179
1960	2383	2124	259	1055	709	346
1965	4270	3682	588	1340	913	427
1970	4661	4251	410	2581	1968	613
1975	5201	4951	250	3564	2716	848
1976	5213	4991	222	3873	2900	973
1977	4874	4698	176	4101	3009	1092
1978	4735	4585	150	4162	3009	1153

Secondary Vocational and Technical Schools of All Departments
(at beginning of the school year)

	1970/71	1975/76	1976/77	1977/78	1978/79
Number of secondary vocational and technical schools.	615	2734	3087	3418	3733
Students at them, thousands.	180	1216	1479	1703	1920

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Number of Teachers of Day General Educational Schools by Level of Education
and Length of Teaching Service
(for schools of the USSR Ministry of Education and the Ministry of Railways; at beginning of the
school year)

	Number of teachers (excluding combiners of jobs), thousands	higher	of them (percent of total)									
			have an education					have a length of teaching service				
			to the extent of teachers' insti- tutes and educa- tional institu- tions equated with them	secondary pedagog- ical	secondary special- ized (not pedagog- ical) and second- ary general	do not have a com- plete secondary education	up to 5 years	25 years and more				
All teachers (including school ad- ministrators)*:												
1965/66.	2251	41.5	13.9	34.3	8.6	1.7	22.7	13.1				
1970/71.	2361	52.7	12.0	26.9	7.8	0.6	21.2	18.6				
1975/76.	2399	64.3	8.6	21.0	5.9	0.2	20.7	20.5				
1976/77.	2374	66.3	7.9	20.3	5.3	0.2	20.5	20.9				
1977/78.	2354	68.1	7.2	19.7	4.9	0.1	20.5	21.2				
1978/79--total	2335	69.6	6.6	19.2	4.5	0.1	20.6	21.3				
including:												
directors of elementary schools. . .	0.3	52.0	8.4	38.1	1.5	--	4.0	51.6				
directors of eight-year schools. . .	43	98.4	1.4	0.2	0.0	--	6.9	36.7				
directors of secondary schools. . .	55	99.8	0.2	0.0	--	--	2.7	41.5				
deputy directors of eight-year schools.	23	96.6	2.3	1.0	0.1	--	9.3	24.4				
deputy directors of secondary schools.	121	98.6	1.0	0.3	0.1	--	8.3	24.4				
1st-10th (11th) grade teachers, ex- cept teacher-school administrators	1786	70.9	7.5	19.8	1.8	0.0	20.8	21.6				
teachers of music, singing, draw- ing, drafting, physical culture and labor.	307	39.1	5.9	30.2	24.2	0.6	29.6	12.4				

*School administrators, as a rule, simultaneously perform teaching work.

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Number of Teachers of Upper Grades (Including School Administrators Who Teach) of Day General Educational Schools by Specializations and Level of Education at the Beginning of the 1978/79 School Year (for schools of the USSR Ministry of Education and the Ministry of Railways)

	All 4th-10th (11th) grade teachers (excluding combiners of jobs), thousands	Of them those having an education, percent		
		higher	to the extent of teachers' institutes and educational institutions equated with them	secondary and incomplete secondary
Teachers of Russian language and literature:				
at schools with instruction in Russian.	206	89.2	7.2	3.6
at schools with instruction not in Russian	116	82.3	9.5	8.2
Teachers of other subjects:				
native language (except Russian) and literature	142	86.5	8.9	4.6
history.	166	90.1	6.5	3.4
physics.	124	93.5	4.1	2.4
mathematics.	308	88.0	8.4	3.6
chemistry.	85	94.1	3.4	2.5
geography.	100	87.8	7.4	4.8
biology.	107	87.2	8.0	4.8
foreign languages.	174	92.4	3.8	3.8

Number of Women Among Teachers of Day General Educational Schools (for schools of the USSR Ministry of Education and the Ministry of Railways; at beginning of the school year)

	Number of teachers (excluding combiners of jobs), thousands	including women	Percent of women in total number of teachers and school administrators
All teachers (including school administrators):			
1965/66.	2251	1558	69
1970/71.	2361	1669	71

/Table continued on following page/

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	Number of teachers (excluding combin- ers of jobs), thousands	includ- ing women	Percent of women in total number of teachers and school adminis- trators
1975/76.	2399	1692	71
1976/77.	2374	1673	70
1977/78.	2354	1660	71
1978/79--total	2335	1653	71
including:			
directors of elementary schools.	0.3	0.2	83
directors of eight-year schools.	43	15	35
directors of secondary schools.	55	17	31
deputy directors of eight-year schools . .	23	14	61
deputy directors of secondary schools. . .	121	81	67
1st-10th (11th) grade teachers, except teacher-school admin- istrators.	1786	1416	79
teachers of music, sing- ing, drawing, drafting, physical culture and labor.	307	110	36

General Educational Schools by Union Republics
(at beginning of the school year)

	Number of schools, thousands	Number of students, millions					
	1978/79	1914/15	1940/41	1965/66	1970/71	1975/76	1978/79
USSR.	150.1	9.7	35.6	48.3	49.2	47.6	44.7
RSFSR	78.1	5.7	20.6	26.4	25.3	22.9	20.7
Ukrainian SSR	23.7	2.6	6.8	8.7	8.4	8.1	7.6
Belorussian SSR . . .	7.6	0.5	1.7	1.8	1.8	1.7	1.6
Uzbek SSR	9.4	0.0	1.3	2.4	3.3	3.8	3.9
Kazakh SSR.	8.9	0.1	1.2	2.9	3.2	3.3	3.3
Georgian SSR.	4.0	0.2	0.8	0.9	1.0	1.0	1.0
Azerbaijan SSR. . . .	4.3	0.1	0.7	1.2	1.4	1.6	1.6
Lithuanian SSR. . . .	2.5	0.1	0.4	0.6	0.6	0.6	0.6

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	Number of schools, thousands	Number of students, millions					
	1978/79	1914/15	1940/41	1965/66	1970/71	1975/76	1978/79
Moldavian SSR	1.9	0.1	0.5	0.8	0.8	0.8	0.7
Latvian SSR	1.0	0.2	0.3	0.3	0.3	0.4	0.3
Kirgiz SSR.	1.7	0.0	0.3	0.6	0.8	0.9	0.9
Tadzhik SSR	3.1	0.0	0.3	0.6	0.8	0.9	1.0
Armenian SSR.	1.5	0.0	0.3	0.5	0.7	0.7	0.6
Turkmen SSR	1.8	0.0	0.3	0.4	0.6	0.7	0.7
Estonian SSR.	0.6	0.1	0.1	0.2	0.2	0.2	0.2

Number of Children Served by Summer Pioneer Camps (Suburban, Urban,
Kolkhoz and School) by Union Republics
(thousands)

	1965	1970	1975	1978
USSR.	6927.7	8805.6	9933.6	11078.0
RSFSR	4490.8	5376.4	5834.6	6253.8
Ukrainian SSR	1179.4	1630.0	1862.4	2070.3
Belorussian SSR	199.1	286.6	341.1	388.9
Uzbek SSR	216.3	370.4	478.7	528.4
Kazakh SSR.	266.2	360.2	452.9	579.9
Georgian SSR.	57.3	71.8	94.6	116.3
Azerbaijan SSR.	81.5	89.2	98.5	132.5
Lithuanian SSR.	52.0	65.4	110.4	155.0
Moldavian SSR	61.5	87.1	131.1	223.3
Latvian SSR	54.7	60.5	69.1	84.5
Kirgiz SSR.	41.3	57.9	78.0	105.0
Tadzhik SSR	28.2	41.6	56.7	74.1
Armenian SSR.	136.5	217.3	198.2	202.2
Turkmen SSR	30.7	45.4	78.0	109.6
Estonian SSR.	32.2	45.8	49.3	54.2

Number of Children's Extrascholastic Institutions
(at end of the year)

	1965	1970	1975	1976	1977	1978
All extrascholastic institutions. . .	48089	64856	80366	84246	88235	89895
including:						
palaces, houses of Pioneers and school children	3409	3865	4403	4501	4598	4706
stations of young technicians . . .	397	606	1008	1085	1136	1197
stations of young naturalists . . .	288	338	587	641	678	730
excursion and tourist stations. . .	184	169	202	209	216	222

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	1965	1970	1975	1976	1977	1978
children's parks.	184	164	155	153	152	153
children's railroads.	33	34	38	37	39	39
summer Pioneer camps.	24209	36088	45980	48994	50949	53442
children's music, art and choreo- graphic schools	2829	4510	6109	6448	6760	7087
independent children's libraries. .	4972	6498	7586	7723	7871	8033
clubs of young technicians.	1475	1089	1377	1283	1432	1033
rooms of the school child	7500	7595	7424	7423	8343	7200
children's and youths' sports schools	2535	3813	5396	5648	5956	5948
other children's extrascholastic institutions.	74	87	101	101	105	105

Higher and Secondary Specialized Educational Institutions
(at beginning of the school year)

	1914/15	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
All higher educational institu- tions.	105	817	756	805	856	859	861	866
Students at them, thousands. . . .	127	812	3861	4581	4854	4950	5037	5110
including those studying in the divisions:								
day.	127	558	1584	2241	2628	2711	2789	2861
evening.	--	27	569	658	644	650	652	653
correspondence	--	227	1708	1682	1582	1589	1596	1596
All secondary specialized educa- tional institutions.	450	3773	3820	4223	4302	4303	4312	4332
Students at them, thousands. . . .	54	975	3659	4388	4525	4623	4662	4672
including those studying in the divisions:								
day.	54	787	1835	2558	2817	2867	2905	2916
evening.	--	32	628	645	516	554	547	535
correspondence	--	156	1195	1185	1192	1202	1210	1221

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Number of Students of Higher Educational Institutions
by Groups of Specialties
(at beginning of the school year; thousands)

	1950/51	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Total.	1247.4	3860.6	4580.6	4854.0	4950.2	5037.2	5109.8
including by groups of specialties:							
geology and exploration of mineral deposits. . .	16.2	31.1	39.3	38.2	38.0	37.9	38.1
working of mineral deposits	20.9	39.5	57.0	56.0	55.9	56.2	56.4
power engineering.	23.8	85.9	100.8	116.5	118.5	119.6	121.0
metallurgy	14.7	46.7	55.5	56.2	56.5	57.1	58.1
machine building and instrument making.	86.3	501.5	557.9	574.0	585.6	591.0	596.6
electronic engineering, electrical instrument making and automation equipment.	14.2	281.0	309.4	329.2	334.5	341.6	348.7
radio engineering and communications	15.6	150.9	154.1	149.1	152.9	155.2	155.8
chemical technology.	23.9	107.0	120.2	98.4	97.0	96.1	95.0
forest engineering and processing method of wood, pulp and paper . .	8.7	30.4	31.0	33.9	34.4	35.6	36.2
food processing.	10.0	57.0	72.2	75.9	77.1	79.4	81.7
manufacturing method of consumer goods	9.5	39.4	54.2	59.4	59.7	61.1	62.5
construction	37.1	232.8	297.3	377.1	392.8	406.0	416.8
geodesy and cartography.	2.8	7.7	8.7	10.6	11.3	12.1	12.6
hydrology and meteorology	2.8	6.6	8.4	8.0	7.9	8.0	8.1
agriculture and forestry	107.7	332.5	371.9	401.4	413.3	423.3	435.7
transportation	23.7	112.6	133.1	147.9	154.6	160.0	165.2
economics.	72.6	386.2	538.6	597.7	609.1	622.2	624.8
law.	45.4	60.0	77.0	93.2	95.5	97.7	99.8
health and physical culture.	113.3	242.5	329.8	351.5	356.6	361.0	366.4
specialties of universities	87.5	279.4	344.5	368.1	374.3	378.5	381.8
specialties of pedagogical institutes and higher educational institutions of culture	496.3	797.1	880.6	871.1	883.7	896.1	906.6
art.	14.4	32.8	39.1	40.6	41.0	41.5	41.9

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Number of Students of Secondary Specialized Educational
Institutions by Groups of Specialties
(at beginning of the school year; thousands)

	1950/51	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Total.	1297.6	3659.3	4388.0	4524.8	4622.8	4662.2	4671.9
including by groups of specialties:							
geology and exploration of mineral deposits. .	14.7	19.9	24.8	24.3	23.9	23.1	22.5
working of mineral deposits.	43.3	42.7	68.2	54.5	52.4	50.8	49.6
power engineering. . .	48.1	180.4	218.5	194.6	199.1	198.3	196.1
metallurgy.	20.1	41.5	50.6	51.6	54.1	54.6	54.9
machine building and instrument making. . .	135.8	529.4	572.9	542.5	568.6	577.0	576.9
electrical machine building and electrical instrument making	13.1	140.2	131.5	142.6	147.9	149.9	151.3
radio engineering and communications.	25.6	140.0	138.7	141.7	144.6	147.6	148.2
chemical technology. .	22.2	90.9	86.2	72.6	76.7	75.7	75.4
forest engineering and processing method of wood, pulp and paper .	15.9	39.7	46.9	48.2	48.9	48.6	47.6
food processing. . . .	22.8	118.9	150.7	164.1	167.0	168.8	169.6
manufacturing method of consumer goods. . .	24.6	102.0	109.9	108.4	111.1	113.0	113.5
construction.	79.6	247.7	362.7	435.3	441.0	436.6	429.0
geodesy and cartography	4.1	7.3	9.0	14.1	14.7	15.0	14.9
hydrology and meteorology.	3.5	7.6	7.2	7.2	7.2	7.0	6.6
agriculture.	150.0	497.6	601.1	645.6	661.4	670.6	679.3
transportation. . . .	48.7	233.9	273.0	294.9	302.4	307.6	306.5
economics.	106.4	476.8	622.8	628.6	636.1	639.5	641.5
health and physical culture.	128.4	345.1	446.2	430.1	433.1	437.3	441.5
education.	345.3	299.0	340.1	395.0	402.9	410.3	415.0
art.	27.5	97.6	123.6	124.6	125.0	125.8	126.1

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Number of Students of Higher and Secondary Specialized Educational Institutions
by Sectorial Groups of Educational Institutions
(at beginning of the school year; thousands)

	1914/15	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Number of students of higher educational institutions.	127.4	811.7	3860.6	4580.6	4854.0	4950.2	5037.2	5109.8
including those studying at educational institutions of:								
industry and construction	24.9	168.4	1528.3	1825.7	1950.0	1986.4	2017.0	2047.7
transportation and communications	36.2	221.6	221.6	251.7	277.6	286.2	292.6	294.5
agriculture	4.6	52.1	377.1	423.9	460.0	476.4	491.1	507.0
economics and law	11.4	36.3	264.1	341.4	354.7	359.1	362.3	361.3
health, physical culture and sports	5.0	109.8	238.8	321.0	351.6	357.0	362.6	368.1
education	81.5	398.6	1198.7	1375.7	1415.3	1439.4	1465.4	1484.5
art and cinematography.	32.0	10.3	32.0	41.2	44.8	45.7	46.2	46.7
Number of students of secondary specialized educational institutions.	54.3	974.8	3659.3	4388.0	4524.8	4622.8	4662.2	4671.9
including those studying at educational institutions of:								
industry and construction	17.3	187.5	1623.0	1931.0	1900.7	1956.1	1964.4	1952.6
transportation and communications	54.4	318.8	318.8	379.5	415.2	419.6	421.7	420.6
agriculture	5.2	114.7	584.9	692.7	766.3	784.8	793.9	801.9
economics and law	--	43.1	397.5	476.1	492.9	500.7	507.7	512.7
health, physical culture and sports	3.1	204.4	344.5	433.8	415.1	418.1	423.1	428.4
education	21.0	345.3	304.4	367.5	408.7	417.0	423.3	427.8
art and cinematography.	7.7	25.4	86.2	107.4	125.9	126.5	128.1	127.9

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Higher Educational Institutions by Union Republics
(at beginning of the schools year)

	1914/15	1940/41	1965/66	1970/71	1975/76	1978/79
USSR						
Number of educational institutions	105	817	756	805	856	866
Students at them, thousands. . . .	127.4	811.7	3860.6	4580.6	4854.0	5109.8
RSFSR						
Number of educational institutions	72	481	432	457	483	486
Students at them, thousands. . . .	86.5	478.1	2353.9	2671.7	2856.9	2989.1
Ukrainian SSR						
Number of educational institutions	27	173	132	138	142	144
Students at them, thousands. . . .	35.2	196.8	690.1	806.6	831.3	865.4
Belorussian SSR						
Number of educational institutions	--	25	27	28	31	31
Students at them, thousands. . . .	--	21.5	104.0	140.0	159.9	171.3
Uzbek SSR						
Number of educational institutions	--	30	32	38	42	43
Students at them, thousands. . . .	--	19.1	165.8	232.9	246.6	266.6
Kazakh SSR						
Number of educational institutions	--	20	39	44	49	53
Students at them, thousands. . . .	--	10.4	144.7	198.9	216.1	241.4
Georgian SSR						
Number of educational institutions	1	21	18	18	19	19
Students at them, thousands. . . .	0.3	28.5	76.6	89.3	82.8	84.8
Azerbaijan SSR						
Number of educational institutions	--	16	11	13	17	17
Students at them, thousands. . . .	--	14.6	67.0	100.1	99.0	103.7
Lithuanian SSR						
Number of educational institutions	--	7	11	12	12	12
Students at them, thousands. . . .	--	6.0	46.4	57.0	62.6	68.7
Moldavian SSR						
Number of educational institutions	--	6	7	8	8	8
Students at them, thousands. . . .	--	2.5	36.3	44.8	44.4	49.2
Latvian SSR						
Number of educational institutions	1	7	10	10	10	10
Students at them, thousands. . . .	2.1	9.9	33.1	40.8	45.3	47.0
Kirgiz SSR						
Number of educational institutions	--	6	8	9	9	9
Students at them, thousands. . . .	--	3.1	32.2	48.4	50.1	53.0
Tadzhik SSR						
Number of educational institutions	--	6	7	7	9	9
Students at them, thousands. . . .	--	2.3	30.4	44.5	50.4	54.3
Armenian SSR						
Number of educational institutions	--	9	11	12	13	13
Students at them, thousands. . . .	--	11.1	38.9	54.4	54.1	57.1

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	1914/15	1940/41	1965/66	1970/71	1975/76	1978/79
Turkmen SSR						
Number of educational institutions	--	5	5	5	6	6
Students at them, thousands. . . .	--	3.0	19.8	29.1	31.1	33.4
Estonian SSR						
Number of educational institutions	4	5	6	6	6	6
Students at them, thousands. . . .	3.3	4.8	21.4	22.1	23.4	24.8

Secondary Specialized Educational Institutions by Union Republics
(at beginning of the school year)

	1914/15	1940/41	1965/66	1970/71	1975/76	1978/79
USSR						
Number of educational institutions	450	3773	3820	4223	4302	4332
Students at them, thousands. . . .	54.3	974.8	3659.3	4388.0	4524.8	4671.9
RSFSR						
Number of educational institutions	297	2188	2229	2423	2483	2486
Students at them, thousands. . . .	35.4	594.0	2259.3	2606.2	2693.1	2725.2
Ukrainian SSR						
Number of educational institutions	88	693	697	760	730	725
Students at them, thousands. . . .	12.5	196.2	645.9	797.9	783.8	805.5
Belorussian SSR						
Number of educational institutions	15	128	122	128	133	133
Students at them, thousands. . . .	1.4	35.0	122.1	146.1	154.7	163.3
Uzbek SSR						
Number of educational institutions	1	98	104	163	187	206
Students at them, thousands. . . .	0.1	25.1	102.6	163.3	185.2	218.7
Kazakh SSR						
Number of educational institutions	7	118	169	192	210	223
Students at them, thousands. . . .	0.3	30.3	171.2	217.9	233.2	254.0
Georgian SSR						
Number of educational institutions	7	192	89	100	97	93
Students at them, thousands. . . .	0.5	26.1	37.8	53.1	49.4	53.8
Azerbaijan SSR						
Number of educational institutions	3	91	71	79	78	75
Students at them, thousands. . . .	0.5	17.4	55.8	70.8	72.3	79.6
Lithuanian SSR						
Number of educational institutions	13	24	76	81	77	74
Students at them, thousands. . . .	1.5	6.4	57.5	65.3	68.3	69.7
Moldavian SSR						
Number of educational institutions	5	22	38	46	46	49
Students at them, thousands. . . .	0.5	4.1	33.1	51.7	55.0	59.7

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	1914/15	1940/41	1965/66	1970/71	1975/76	1978/79
Latvian SSR						
Number of educational institutions	11	41	52	54	54	54
Students at them, thousands. . . .	1.3	9.6	38.3	38.8	42.0	43.6
Kirgiz SSR						
Number of educational institutions	--	33	36	36	38	39
Students at them, thousands. . . .	--	6.0	31.8	41.7	44.3	47.2
Tadzhik SSR						
Number of educational institutions	--	30	30	36	38	38
Students at them, thousands. . . .	--	5.9	23.0	35.3	38.1	39.6
Armenian SSR						
Number of educational institutions	1	62	45	59	63	65
Students at them, thousands. . . .	0.1	8.9	31.4	47.1	51.2	55.0
Turkmen SSR						
Number of educational institutions	--	36	27	29	31	34
Students at them, thousands. . . .	--	7.7	21.9	28.7	29.4	32.4
Estonian SSR						
Number of educational institutions	4	17	35	37	37	38
Students at them, thousands. . . .	0.2	2.1	27.6	24.1	24.8	24.6

Number of Students of Higher Educational Institutions and Students
of Secondary Specialized Educational Institutions Per 10,000
People by Union Republics
(at beginning of the school year)

	Higher educational in- stitutions					Secondary specialized educational institu- tions				
	1940/41	1965/66	1970/71	1975/76	1978/79	1940/41	1965/66	1970/71	1975/76	1978/79
USSR.	41	166	188	190	195	50	158	180	177	178
RSFSR	43	185	204	212	217	53	178	199	200	198
Ukrainian SSR	47	151	170	169	174	47	142	168	159	162
Belorussian SSR	24	120	154	170	179	39	141	161	165	171
Uzbek SSR	28	159	192	174	173	37	99	134	131	142
Kazakh SSR.	16	120	151	152	164	47	142	165	164	173
Georgian SSR.	77	170	189	168	169	71	84	112	100	107
Azerbaijan SSR.	44	144	191	173	172	52	120	135	126	132
Lithuanian SSR.	20	155	180	188	202	22	193	206	206	205
Moldavian SSR	10	108	124	115	125	17	98	143	142	151
Latvian SSR	52	145	171	182	187	50	168	163	169	173
Kirgiz SSR.	19	123	162	151	150	38	121	139	133	134
Tadzhik SSR	15	119	149	144	143	38	90	118	109	104
Armenian SSR.	82	174	214	190	189	66	140	185	180	182
Turkmen SSR	22	103	131	122	121	57	115	129	115	118
Estonian SSR.	45	165	161	163	179	20	213	175	173	168

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Admission to Higher and Secondary Specialized Educational
Institutions by Types of Instruction
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Students admitted to higher educational institutions.	263.4	853.7	911.5	993.8	1012.5	1017.1	1026.4
including to the divisions:							
day.	154.9	378.4	500.5	593.9	609.6	613.2	624.2
evening.	6.6	125.2	127.4	129.7	130.7	131.7	132.4
correspondence	101.9	350.1	283.6	270.2	272.2	272.2	269.8
Students admitted to secondary specialized educational institutions.	382.9	1099.7	1338.4	1403.9	1416.1	1430.0	1443.5*
including to the divisions:							
day.	318.6	581.8	837.0	896.1	913.6	924.7	934.3
evening.	12.6	170.1	159.7	152.6	146.2	145.9	143.7
correspondence	51.7	347.8	341.7	355.2	356.3	359.4	365.5

* Including 547,000 students, who have an incomplete secondary education, and 896,500 students, who have a general secondary education.

Admission to Higher and Secondary Specialized Educational
Institutions by Sectorial Groups of Educational Institutions
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Students admitted to higher educational institutions.	263.4	853.7	911.5	993.8	1012.5	1017.1	1026.4
including to educational institutions of:							
industry and construction	45.4	334.6	367.9	400.0	405.6	408.0	413.6
transportation and communications.	8.3	45.6	48.1	53.4	55.3	55.6	55.8
agriculture.	11.9	89.0	85.0	96.7	98.9	99.8	99.9
economics and law.	13.6	56.9	72.6	76.4	77.4	76.7	75.9
health, physical culture and sports	23.0	49.2	60.5	65.4	66.0	66.0	67.5
education.	159.0	271.3	269.0	292.6	299.7	301.8	304.2
art and cinematography	2.2	7.1	8.4	9.3	9.6	9.2	9.5

[Table continued on following page]

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	1940	1965	1970	1975	1976	1977	1978
Students admitted to secondary specialized educational institutions. . . .	382.9	1099.7	1338.4	1403.9	1416.1	1430.0	1443.5
including to educational institutions of:							
industry and construction	80.2	445.5	548.0	555.9	553.7	557.8	557.1
transportation and communications.	22.9	88.6	109.6	119.5	119.6	118.6	116.7
agriculture.	48.1	182.1	215.3	235.7	237.3	239.3	242.9
economics and law.	18.7	139.2	175.0	184.8	188.0	190.6	194.2
health, physical culture and sports	85.5	119.6	142.7	148.0	152.5	156.5	160.9
education.	117.3	101.8	117.1	127.5	132.8	134.8	139.3
art and cinematography	10.2	22.9	30.7	32.5	32.2	32.4	32.4

Graduation of Specialists by Higher and Secondary Specialized Educational Institutions by Types of Instruction
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Graduated by higher educational institutions. .	126.1	403.9	630.8	713.4	734.6	751.9	771.5
including those who studied in the divisions:							
day.	97.9	224.8	334.8	433.3	448.2	462.2	478.8
evening.	4.4	43.5	82.1	79.7	82.0	84.7	84.7
correspondence	23.9	135.6	213.9	200.4	204.4	205.0	208.0
Graduated by secondary specialized educational institutions	236.8	621.5	1033.3	1157.0	1109.1	1186.0	1228.4
including those who studied in the divisions:							
day.	205.3	332.8	602.7	752.2	758.9	781.7	805.6
evening.	2.5	104.7	161.5	125.4	60.3	111.6	114.8
correspondence	29.0	184.0	269.1	279.4	289.9	292.7	308.0

During 1918-1978 higher and secondary specialized educational institutions trained 38.8 million specialists, of them 14.9 million with a higher education and 23.9 million with a secondary specialized education.

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Graduation of Specialists by Higher Educational Institutions
by Groups of Specialties
(thousands)

	1950	1965	1970	1975	1976	1977	1978
Total	176.9	403.9	630.8	713.4	734.6	751.9	771.5
including by groups of specialties:							
geology and exploration of mineral deposits	1.7	3.2	5.1	5.9	6.0	5.9	6.1
working of mineral deposits	1.4	4.0	6.3	8.3	8.3	8.4	8.5
power engineering	2.4	7.0	10.5	14.1	15.2	16.2	16.9
metallurgy	1.4	4.8	6.5	7.8	8.0	8.2	8.2
machine building and instrument making	9.1	46.0	69.0	73.0	77.2	80.6	81.2
electronic engineering, electrical instrument making and automation equipment	1.4	24.6	40.5	49.6	47.1	47.9	49.8
radio engineering and communications	1.4	14.0	19.8	18.8	19.3	20.2	21.0
chemical technology	2.6	10.1	16.1	15.4	15.5	14.7	15.0
forest engineering and the processing method of wood, pulp and paper	0.7	2.9	3.3	4.7	4.9	4.9	5.0
food processing	2.3	4.8	7.9	10.5	10.7	10.8	11.4
manufacturing method of consumer goods	1.2	3.2	5.4	7.4	7.7	8.0	8.3
construction	4.9	21.3	30.3	44.8	48.8	52.3	55.1
geodesy and cartography	0.3	0.9	1.0	1.3	1.4	1.4	1.6
hydrology and meteorology	0.4	1.0	1.1	1.3	1.2	1.2	1.3
agriculture and forestry	12.9	33.9	58.3	53.9	56.7	58.7	58.6
transportation	3.1	9.6	14.9	17.5	17.7	19.2	19.7
economics	10.1	40.8	75.6	95.6	93.7	98.6	101.8
law	5.7	6.9	8.1	13.1	14.1	15.0	15.6
health and physical culture	20.7	31.0	43.8	53.6	55.3	55.5	56.6
specialties of universities	12.3	30.7	48.7	54.6	56.5	59.0	60.0
specialties of pedagogical institutes and higher educational institutions of culture	78.5	99.3	152.2	154.7	161.9	157.9	162.2
art	2.4	3.9	6.4	7.3	7.4	7.3	7.6

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Graduation of Specialists by Secondary Specialized Educational
Institutions by Groups of Specialties
(thousands)

	1950	1965	1970	1975	1976	1977	1978
Total.	313.7	621.5	1033.3	1157.0	1109.1	1186.0	1228.4
including by groups of specialties:							
geology and exploration of mineral deposits. . . .	1.8	2.5	4.8	5.7	5.6	5.9	5.9
working of mineral deposits	6.0	6.0	11.7	13.1	11.3	12.1	11.6
power engineering.	7.7	26.6	44.8	47.7	37.6	43.9	44.7
metallurgy	4.9	6.8	10.2	10.9	9.5	11.1	12.2
machine building and instrument making.	26.6	86.3	124.0	125.6	99.7	121.7	128.5
electrical machine building and electrical instrument making.	2.4	18.7	31.8	33.8	27.8	34.3	35.2
radio engineering and communications.	5.2	21.8	30.9	31.6	28.7	33.0	34.6
chemical technology.	4.4	13.4	23.3	19.0	14.6	18.4	18.4
forest engineering and the processing method of wood, pulp and paper	2.4	6.4	8.5	10.6	10.1	11.0	11.7
food processing.	4.9	18.8	28.8	39.5	39.8	40.7	42.4
manufacturing method of consumer goods	5.0	17.2	24.7	24.8	22.3	24.4	25.5
construction	14.6	36.2	61.9	99.8	93.7	102.6	104.8
geodesy and cartography.	0.8	1.1	1.5	2.8	3.0	3.3	3.6
hydrology and meteorology.	0.6	1.5	1.7	1.6	1.6	1.8	1.7
agriculture.	46.6	68.7	120.1	142.3	144.4	150.1	157.3
transportation	11.1	33.6	55.6	60.4	62.8	64.6	71.1
economics.	26.3	104.1	188.6	208.3	217.6	223.6	230.6
health and physical culture	54.2	76.0	138.5	142.0	142.0	143.7	148.9
education.	76.7	59.5	100.0	109.1	109.8	112.1	111.2
art.	5.0	16.3	21.2	26.9	25.9	26.2	26.8

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Graduation of Specialists by Higher and Secondary Specialized
Educational Institutions by Sectorial Groups of Educational Institutions
(thousands)

	1940	1965	1970	1975	1976	1977	1978
Graduated by higher educational institutions. . . .	126.1	403.9	630.8	713.4	734.6	751.9	771.5
including by educational institutions of:							
industry and construction	24.2	139.9	214.2	260.0	269.0	279.9	287.2
transportation and communications.	5.9	19.3	28.2	33.3	34.6	36.6	37.7
agriculture.	10.3	36.0	68.7	62.6	64.9	67.1	67.8
economics and law.	5.7	32.1	50.9	60.5	59.0	61.1	62.3
health, physical culture and sports	17.4	30.6	42.9	53.9	55.3	56.0	57.4
education.	61.6	142.1	219.2	235.3	243.9	243.1	250.7
art and cinematography	1.0	3.9	6.7	7.8	7.9	8.1	8.4
Graduated by secondary specialized institutions. . . .	236.8	621.5	1033.3	1157.0	1109.1	1186.0	1228.4
including by educational institutions of:							
industry and construction	21.7	250.7	418.2	451.0	391.4	451.8	466.0
transportation and communications.	8.3	50.9	78.9	92.0	94.4	95.6	103.0
agriculture.	21.5	88.1	144.4	178.0	181.5	189.0	197.3
economics and law.	7.2	81.3	132.8	158.5	164.2	167.8	174.9
health, physical culture and sports	90.4	75.9	135.6	137.1	137.2	138.8	144.1
education.	85.7	59.7	105.3	114.2	114.2	116.5	115.6
art and cinematography	2.0	14.9	18.1	26.2	26.2	26.5	27.5

Graduation of Specialists by Higher and Secondary Specialized
Educational Institutions Per 10,000 People by Union Republics

	Higher educational institutions				Secondary specialized educational institutions			
	1965	1970	1975	1978	1965	1970	1975	1978
USSR.	17	26	28	30	27	43	45	47
RSFSR	19	28	30	32	30	46	50	51
Ukrainian SSR	16	25	26	28	27	44	45	47
Belorussian SSR . . .	14	23	27	29	24	40	44	47
Uzbek SSR	18	28	26	27	17	35	36	40
Kazakh SSR.	13	21	22	24	21	36	41	43
Georgian SSR.	21	26	28	29	18	29	30	30
Azerbaijan SSR. . . .	13	27	28	30	21	35	33	35

/Table continued on following page/

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	Higher educational in- stitutions				Secondary specialized edu- cational institutions			
	1965	1970	1975	1978	1965	1970	1975	1978
Lithuanian SSR. . .	14	23	25	29	31	41	49	54
Moldavian SSR . .	11	19	18	20	15	33	35	39
Latvian SSR . . .	16	20	23	25	26	37	38	42
Kirgiz SSR. . . .	13	21	23	23	18	32	31	34
Tadzhik SSR . . .	13	20	22	22	13	27	28	27
Armenian SSR. . .	17	31	35	35	21	38	49	52
Turkmen SSR . . .	12	20	20	20	17	29	28	29
Estonian SSR. . .	16	21	21	24	30	35	39	38

Percent of Women Students of Higher and Secondary Specialized
Educational Institutions in the Total Number of Students
(at beginning of the school year)

	1940/41	1965/66	1970/71	1975/76	1976/77	1977/78	1978/79
Percent of women among students of higher educational institutions.	58	44	49	50	51	51	51
including at educational institutions of:							
industry and construction, transportation and communications.	40	31	38	40	40	40	41
agriculture	46	26	30	33	33	34	34
economics and law	64	54	60	62	63	64	64
health, physical culture and sports	74	54	56	56	57	57	57
education, art and cinematography	66	66	66	68	68	68	69
Percent of women among students of secondary specialized educational institutions.	55	50	54	54	55	55	56
including at educational institutions of:							
industry and construction, transportation and communications.	32	35	40	41	41	42	43
agriculture	37	36	37	37	37	37	37
economics and law	60	80	83	85	85	85	86
health, physical culture and sports	83	87	87	88	89	89	89
education, art and cinematography	60	81	81	82	83	83	83

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General Libraries*
(at end of the year)

Years	Total		including			
			in urban settlements		in rural areas	
	number of libraries, thousands	books and magazines at them, millions	number of libraries, thousands	books and magazines at them, millions	number of libraries, thousands	books and magazines at them, millions
1913	13.9	9.4	2.6	5.0	11.3	4.4
1940	95.4	199.7	18.5	135.5	76.9	64.2
1945	47.5	126.2	9.6	95.1	37.9	31.1
1950	123.1	267.5	20.8	168.7	102.3	98.8
1955	147.4	619.8	27.8	317.9	119.6	301.9
1960	135.7	883.1	35.3	469.9	100.4	413.2
1965	127.1	1097.1	37.0	610.5	90.1	487.2
1970	128.0	1363.5	37.3	775.3	90.7	588.2
1975	131.4	1607.8	36.1	934.2	95.3	673.6
1976	131.0	1644.5	35.8	964.9	95.2	679.6
1977	130.6	1679.6	35.7	993.3	94.9	686.3
1978	130.9	1724.7	35.8	1025.8	95.1	698.9

* The data on state republic libraries, which were previously taken into account among scientific and special libraries, are included in this and subsequent tables.

The number of libraries of all types (public, scientific, academic, technical and other special ones) at the beginning of 1976 was 350,000, their book collection was 4.2 billion copies.

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General Libraries by Union Republics (at end of the year)										
1913		1940		1965		1970		1975		1978
	number of libraries, thousands	books and magazines at them, millions	number of libraries, thousands	books and magazines at them, millions	number of libraries, thousands	books and magazines at them, millions	number of libraries, thousands	books and magazines at them, millions	number of libraries, thousands	books and magazines at them, millions
USSR.	13.9	9.4	95.4	199.7	127.1	1097.7	128.0	1363.5	131.4	1607.8
RSFSR.	9.3	6.7	56.1	124.5	62.8	601.5	61.6	732.9	62.3	867.5
Ukrainian SSR.	3.2	1.9	22.3	40.8	29.2	237.0	27.6	292.3	26.9	331.0
Belorussian SSR.	0.9	0.4	4.2	6.6	7.3	45.9	7.3	60.3	7.1	76.9
Uzbek SSR.	--	--	1.8	3.7	4.8	24.4	5.7	34.3	6.3	44.0
Kazakh SSR.	0.1	0.1	3.9	5.7	6.7	41.1	7.8	65.6	9.1	86.4
Georgian SSR.	0.03	0.02	1.6	3.0	3.1	22.4	3.5	27.2	3.9	31.3
Azerbaijan SSR.	0.03	0.02	1.4	3.3	2.4	20.3	2.9	25.5	3.5	29.8
Lithuanian SSR.	0.03	0.03	0.2	0.9	2.2	21.0	2.4	24.7	2.7	29.1
Moldavian SSR.	0.07	0.05	0.2	2.1	1.7	15.0	1.9	19.0	2.0	20.8
Latvian SSR.	0.1	0.1	0.2	2.5	1.6	16.7	1.5	19.8	1.4	22.4
Kirgiz SSR.	--	--	0.6	1.1	1.3	10.7	1.3	14.2	1.5	16.0
Tadzhik SSR.	--	--	0.4	0.7	1.0	7.9	1.2	9.5	1.4	11.9
Armenian SSR.	0.01	0.01	0.9	2.1	1.2	14.3	1.3	16.9	1.3	18.1
Turkmen SSR.	--	--	0.7	1.7	0.8	7.1	1.1	9.2	1.3	10.7
Estonian SSR.	0.1	0.05	0.9	1.0	1.0	12.4	0.9	12.1	0.7	11.9

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General Libraries by Types and Departmental Affiliation
(at end of the year)

	1950		1965*		1970*		1975*		1978*	
	Number of libraries, thousands	Books and magazines at them, millions	Number of libraries, thousands	Books and magazines at them, millions	Number of libraries, thousands	Books and magazines at them, millions	Number of libraries, thousands	Books and magazines at them, millions	Number of libraries, thousands	Books and magazines at them, millions
All general libraries.	123.1	267	127.1	1098	128.0	1363	131.4	1608	130.9	1725
Libraries of USSR Ministry of Cul- ture	81.9	192	84.1	835	93.9	1061	102.7	1272	105.4	1376
of them:										
republic, kray and oblast	0.1	47	0.1	111	0.1	139	0.2	173	0.2	191
rayon and okrug. . .	4.4	38	3.9	90	4.1	103	4.1	114	3.4	110
urban.	1.9	25	5.1	137	6.9	187	8.2	236	9.1	271
independent rural	17.3	34	59.2	356	71.6	464	81.6	555	84.5	598
independent children's	2.2	17	5.0	113	6.5	153	7.6	191	8.0	206
libraries at- tached to club institutions of USSR Ministry of Culture.	56.0	31	10.8	28	4.7	15	1.0	3	0.2	0.5
Libraries of kol- khozes	22.2	6	5.8	12	3.2	8	2.5	8	1.8	6
Libraries of trade union or- ganizations.	13.1	52	27.5	216	25.6	261	22.6	299	20.5	315
Libraries of other departments and organizations. . . .	5.9	17	3.2	27	3.1	29	2.5	26	2.3	25

* Public libraries are not broken down by types and departmental affiliation.

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Indicators of the Operation of Independent General Libraries
of the System of the USSR Ministry of Culture

	1950	1965	1970	1975	1978
All libraries					
All books and magazines, millions. . . .	161.0	807.5	1045.7	1269.3	1375.9
All readers, millions.	23.4	63.2	78.1	95.0	106.7
Books and magazines issued, millions. . .	449.8	1217.3	1568.1	1980.2	2263.6
Number of books and magazines on the average per library, thousands	6.2	11.0	11.7	12.5	13.1
Number of books and magazines on the average per reader	6.9	12.8	13.4	13.4	12.9
Number of readers on the average per library, thousands	0.9	0.9	0.9	0.9	1.0
Number of books and magazines issued on the average per reader	19.2	19.3	20.1	20.8	21.2
Republic, kray and oblast libraries					
All books and magazines, millions. . . .	46.9	111.0	138.9	172.7	191.0
All readers, millions.	1.7	2.5	2.9	3.5	4.0
Books and magazines issued, millions. . .	43.7	67.6	82.1	105.5	117.2
Number of books and magazines on the average per library, thousands	296.7	707.1	890.7	1016.1	1123.5
Number of books and magazines on the average per reader	27.3	44.1	47.9	48.9	48.3
Number of readers on the average per library, thousands	10.9	16.0	18.6	20.8	23.2
Number of books and magazines issued on the average per reader	25.4	26.9	28.3	29.8	29.7
Rayon and okrug libraries					
All books and magazines, millions. . . .	38.1	90.3	102.8	114.6	110.0
All readers, millions.	6.9	7.9	8.8	10.0	9.9
Books and magazines issued, millions. . .	121.9	157.5	176.5	205.6	209.0
Number of books and magazines on the average per library, thousands	8.8	22.9	24.9	27.7	32.5
Number of books and magazines on the average per reader	5.5	11.4	11.7	11.5	11.1
Number of readers on the average per library, thousands	1.6	2.0	2.1	2.4	2.9
Number of books and magazines issued on the average per reader	17.7	19.9	20.1	20.6	21.0
Urban libraries					
All books and magazines, millions. . . .	25.4	137.4	186.6	236.3	270.7
All readers, millions.	4.8	13.4	16.4	21.6	25.5
Books and magazines issued, millions. . .	108.3	289.2	359.0	474.5	553.0
Number of books and magazines on the average per library, thousands	13.5	27.2	27.1	28.9	29.8
Number of books and magazines on the average per reader	5.3	10.2	11.4	11.0	10.6

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	1950	1965	1970	1975	1978
Number of readers on the average per library, thousands	2.5	2.7	2.4	2.6	2.8
Number of books and magazines issued on the average per reader	22.7	21.5	21.8	22.0	21.7
Independent rural libraries					
All books and magazines, millions. . . .	33.7	355.7	463.9	555.0	597.7
All readers, millions.	5.9	29.5	37.2	43.5	48.5
Books and magazines issued, millions . .	84.5	470.1	639.8	794.8	934.7
Number of books and magazines on the average per library, thousands	2.0	6.0	6.5	6.8	7.1
Number of books and magazines on the average per reader	5.7	12.1	12.5	12.7	12.3
Number of readers on the average per library, thousands	0.3	0.5	0.5	0.5	0.6
Number of books and magazines issued on the average per reader	14.2	16.0	17.2	18.2	19.3
Independent children's libraries					
All books and magazines, millions. . . .	16.9	113.1	153.5	190.7	206.5
All readers, millions.	4.1	9.9	12.8	16.4	18.8
Books and magazines issued, millions . . .	91.4	232.9	310.7	399.8	449.7
Number of books and magazines on the average per library, thousands	7.8	22.8	23.6	25.1	25.7
Number of books and magazines on the average per reader	4.1	11.4	12.0	11.6	11.0
Number of readers on the average per library, thousands	1.9	2.0	2.0	2.2	2.3
Number of books and magazines issued on the average per reader	22.1	23.5	24.3	24.4	24.0

Moreover, the general libraries of trade union organizations in 1978 served 25.5 million readers, about 500 million books were issued to them.

Number of Club Institutions
(at end of the year; thousands)

Years	All club institutions	including	
		in urban settlements	in rural areas
1913	0.2	0.1	0.1
1940	118.0	10.0	108.0
1945	94.4	6.5	87.9
1950	125.4	9.3	116.1
1955	126.4	11.5	114.9
1960	128.6	14.1	114.5
1965	127.0	15.7	111.3
1970	134.0	18.1	115.9
1975	135.1	20.2	114.9
1976	135.4	20.4	115.0
1977	135.7	18.6	117.1
1978	136.2	18.7	117.5

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Number of Club Institutions by Union Republics
(at end of the year; thousands)

	1940	1965	1970	1975	1978
USSR.	118.0	127.0	134.0	135.1	136.2
RSFSR	74.1	75.1	78.7	76.9	76.7
Ukrainian SSR	25.0	26.0	25.9	25.9	26.0
Belorussian SSR	3.9	5.5	6.1	6.3	6.3
Uzbek SSR	2.8	3.1	3.3	3.7	3.9
Kazakh SSR.	5.3	5.7	7.2	8.0	8.4
Georgian SSR.	1.5	1.9	2.1	2.3	2.5
Azerbaijan SSR.	1.6	1.4	2.2	2.8	3.0
Lithuanian SSR.	0.1	1.3	1.5	1.4	1.5
Moldavian SSR	0.3	1.6	1.8	1.8	1.9
Latvian SSR	0.1	1.1	1.0	1.0	0.9
Kirgiz SSR.	0.6	0.9	1.0	1.1	1.1
Tadzhik SSR	0.5	0.8	0.9	1.2	1.3
Armenian SSR.	0.9	1.1	1.1	1.2	1.2
Turkmen SSR	0.8	0.8	0.7	1.0	1.0
Estonian SSR.	0.5	0.7	0.5	0.5	0.5

Number of Club Institutions by Types and Departmental Affiliation
(at end of the year; thousands)

	1950	1965	1970	1975	1978
All club institutions.	125.4	127.0*	134.0*	135.1*	136.2*
Club institutions of the USSR					
Ministry of Culture.	80.2	77.8	90.2	99.2	102.2
of them:					
rayon houses of culture.	4.5	3.7	3.1	3.2	3.2
urban houses of culture and					
clubs.	0.4	1.6	2.1	2.4	2.6
rural houses of culture and					
clubs.	34.8	67.4	79.3	86.2	88.1
village reading rooms and other					
club institutions.	40.5	5.1	5.7	7.4	8.3
Clubs of kolkhozes	32.1	22.4	16.6	10.5	8.7
Clubs of trade union organizations	10.3	20.9	21.7	21.1	20.9
Clubs of other departments and					
organizations.	2.8	3.2	3.3	2.7	2.9

* Public clubs are not broken down by types and departmental affiliation.

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Amateur Groups of Club Institutions of the USSR Ministry of
Culture and Trade Union Organizations
(at end of the year; thousands)

	Club institutions of the USSR Ministry of Culture					Club institutions of trade union organiza- tions*				
	1950	1965	1970	1975	1978	1950	1965	1970	1975	1978
All amateur groups. . . .	158	235	310	436	519	37	108	130	149	170
Members of them	2031	2997	4243	5775	7115	744	2162	2708	3126	3660
Of the total number of groups:										
dramatic.	66	64	74	76	81	8	14	13	13	12
members of them	806	714	859	894	1033	132	209	213	207	203
musical	19	21	30	46	64	6	17	22	28	31
members of them	160	237	341	494	707	96	255	316	390	423
choral.	49	58	70	70	58	6	16	18	18	17
members of them	770	1184	1715	1863	1829	176	474	598	637	624
choreographic	24	39	46	55	63	4	13	15	16	17
members of them	295	384	512	659	824	74	199	255	316	383

* Including children's amateur groups, which are not broken down by types.

In 1978 18 million people participated in all amateur collectives.

Number of Museums
(at end of the year)

	1913	1940	1965	1970	1975	1978
All museums (including branches). . .	213	991	954	1144	1295	1397
including:						
historical-revolutionary and his-						
torical	57	152	139	176	208	243
memorial.	9	90	177	235	271	291
regional ethnography.	76	429	440	493	557	589
natural science	19	48	36	36	37	34
fine arts	22	115	131	172	185	203
sectorial and others.	30	157	31	32	37	37

The number of visits to museums in 1978 was 146 million as compared with 24 million in 1940.

Moreover, the Exhibition of USSR National Economic Achievements has been in permanent operation since 1959, the number of visits to it in 1978 was 11 million.

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Museums by Union Republics

	Number of museums (at end of the year)					Number of visits, millions				
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
USSR.	991	954	1144	1295	1397	34.3	75.0	102.8	134.4	146.4
RSFSR	592	494	582	646	683	25.4	49.1	64.8	81.9	85.7
Ukrainian SSR . . .	174	131	147	154	162	5.4	12.5	16.3	23.4	25.1
Belorussian SSR . .	26	38	48	56	63	0.3	1.8	3.0	4.6	4.8
Uzbek SSR	17	19	26	31	33	0.8	1.2	2.5	3.6	4.4
Kazakh SSR.	26	23	29	37	46	0.6	0.6	1.1	1.1	1.9
Georgian SSR. . . .	38	67	74	81	96	0.5	2.5	2.8	3.5	4.8
Azerbaijan SSR. . .	22	24	37	41	47	0.5	0.8	1.1	1.4	2.4
Lithuanian SSR. . .	15	34	33	37	38	0.1	1.5	3.0	4.4	4.9
Moldavian SSR . . .	4	11	22	36	41	0.04	0.5	1.9	2.3	2.7
Latvian SSR	30	40	52	64	67	0.2	1.4	2.6	3.2	3.9
Kirgiz SSR.	3	5	6	7	9	0.1	0.3	0.5	0.8	0.9
Tadzhik SSR	2	4	5	7	7	0.06	0.8	0.3	0.4	0.5
Armenian SSR. . . .	11	23	34	35	39	0.1	0.8	1.4	1.7	1.9
Turkmen SSR	5	4	7	11	12	0.09	0.4	0.5	0.7	0.8
Estonian SSR. . . .	26	37	42	52	54	0.07	0.8	1.0	1.4	1.7

Number of Theaters
(at end of the year)

	1913	1940	1965	1970	1975	1978
All theaters (professional). . .	177	908	501	547	570	584
including:						
opera and ballet	16	39	36	40	42	43
drama, comedy and musical. . .	161	693	342	363	373	379
for children and young audi- ences.	--	176	123	144	155	162

The reorganization and consolidation of some theaters took place during the postwar years. In spite of the decrease of the network of theaters, their attendance increased significantly and in 1978 was 118 million as against 84 million in 1940.

Theaters by Union Republics

	Number of theaters (at end of the year)					Attendance, millions				
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
USSR.	908	501	547	570	584	84.2	101.3	111.3	116.9	117.9
RSFSR	465	293	310	313	319	53.8	63.8	69.8	71.3	70.4
Ukrainian SSR . . .	140	61	66	77	79	14.2	15.5	17.2	18.1	19.4
Belorussian SSR . .	20	11	14	14	15	1.4	2.6	2.6	2.9	3.1
Uzbek SSR	45	21	24	26	28	3.8	3.1	3.3	4.0	4.1

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	Number of theaters (at end of the year)					Attendance, millions				
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
Kazakh SSR.	40	20	25	28	29	1.7	2.6	3.2	3.8	3.6
Georgian SSR.	48	20	22	23	25	2.0	3.1	3.1	3.2	3.3
Azerbaijan SSR.	31	9	12	14	14	1.8	1.2	1.5	1.8	1.9
Lithuanian SSR.	13	11	11	11	11	0.7	1.2	1.3	1.6	1.8
Moldavian SSR.	4	6	8	7	7	0.3	1.0	1.2	1.2	1.2
Latvian SSR.	10	10	10	10	10	0.9	2.1	2.1	2.3	2.3
Kirgiz SSR.	18	6	6	7	7	0.7	1.2	1.2	1.4	1.4
Tadzhik SSR.	23	8	10	11	11	0.7	0.9	1.2	1.2	1.4
Armenian SSR.	27	11	14	14	14	0.9	1.3	1.6	2.0	1.8
Turkmen SSR.	14	5	6	6	6	0.6	0.5	0.7	0.8	0.8
Estonian SSR.	10	9	9	9	9	0.7	1.2	1.3	1.3	1.4

Movie Projectors						
	1914	1940	1965	1970	1975	1978
Number of movie projectors with showing for a charge (at end of the year), thousands.		1.5	28.0	145.4	157.0	154.1
including:						
permanent		1.5	15.5	131.6	147.1	145.6
portable.		--	12.5	13.8	9.9	8.5
Of the total number of movie projectors, movie projectors in rural areas		0.1	19.5	123.1	133.2	128.5
including:						
permanent		0.1	8.0	110.6	124.2	120.9
portable.		--	11.5	12.5	9.0	7.6
Attendance of movie shows, millions	106	900	4279	4652	4497	4155

Number of Movie Projectors With Showing for a Charge by Union Republics
(at end of the year; thousands)

	1940	1965	1970	1975	1978
USSR.	28.0	145.4	157.0	154.1	152.6
RSFSR	17.6	92.5	96.7	91.8	89.0
Ukrainian SSR	5.8	26.3	28.8	27.8	27.5
Belorussian SSR	0.8	5.0	6.3	6.8	6.9
Uzbek SSR	0.6	3.4	3.9	4.5	5.0
Kazakh SSR.	1.3	7.4	8.8	9.9	10.4
Georgian SSR.	0.4	1.6	1.8	2.0	2.0
Azerbaijan SSR.	0.4	1.7	2.0	2.2	2.3
Lithuanian SSR.	0.06	1.5	1.5	1.6	1.5
Moldavian SSR	0.1	1.3	1.8	1.8	1.8

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	1940	1965	1970	1975	1978
Latvian SSR	0.08	1.3	1.3	1.2	1.3
Kirgiz SSR.	0.2	1.0	1.1	1.1	1.2
Tadzhik SSR	0.1	0.7	1.0	1.1	1.1
Armenian SSR.	0.2	0.6	0.7	0.8	0.8
Turkmen SSR	0.3	0.6	0.8	0.9	1.2
Estonian SSR.	0.06	0.5	0.5	0.6	0.6

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Attendance of Movie Shows With Showing for a Charge by Union Republics
(millions)

	Total				including							
					in urban settlements				in rural areas			
	1965	1970	1975	1978	1965	1970	1975	1978	1965	1970	1975	1978
USSR.	4279	4652	4497	4155	2518	2844	2731	2583	1761	1808	1766	1572
RSFSR	2610	2804	2640	2379	1554	1740	1638	1527	1056	1064	1002	852
Ukrainian SSR	827	857	834	804	487	535	528	521	340	322	306	283
Belorussian SSR	129	131	131	130	66	75	76	78	63	56	55	52
Uzbek SSR	120	146	163	163	64	74	80	81	56	72	83	82
Kazakh SSR.	236	284	291	245	113	136	134	109	123	148	157	136
Georgian SSR.	50	58	60	61	38	42	42	42	12	16	18	19
Azerbaijan SSR.	44	56	59	60	30	39	39	38	14	17	20	22
Lithuanian SSR.	43	48	48	49	28	33	32	34	15	15	16	15
Moldavian SSR	44	61	66	63	20	28	29	28	24	33	37	35
Latvian SSR	35	39	35	34	28	32	28	28	7	7	7	6
Kirgiz SSR.	35	44	44	44	19	24	23	23	16	20	21	21
Tadzhik SSR	31	37	39	39	19	23	23	21	12	14	16	18
Armenian SSR.	24	30	31	28	16	22	24	21	8	8	7	7
Turkmen SSR	28	34	35	36	19	23	19	18	9	11	16	18
Estonian SSR.	23	23	21	20	17	18	16	14	6	5	5	6

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Number of Attendances of Movie Shows on the Average Per Resident by Union Republics

	Total				in urban settlements				in rural areas				
	1965	1970	1975	1978	1965	1970	1975	1978	1965	1970	1975	1978	
USSR.	19	19	18	16	21	21	18	16	16	16	17	17	16
RSFSR	21	22	20	17	21	21	18	16	20	22	23	20	20
Ukrainian SSR.	18	18	17	16	21	21	18	17	15	15	15	15	15
Belorussian SSR	15	15	14	14	20	19	16	15	12	11	12	12	12
Uzbek SSR	12	12	12	11	17	17	15	13	8	9	10	9	9
Kazakh SSR.	20	22	21	17	20	21	18	14	20	23	23	20	20
Georgian SSR.	11	12	12	12	18	18	17	16	5	6	7	8	8
Azerbaijan SSR.	10	11	10	10	13	15	13	12	6	7	7	8	8
Lithuanian SSR.	14	15	15	14	21	21	17	17	9	10	11	11	11
Moldavian SSR.	13	17	17	16	23	24	21	19	10	14	15	15	15
Latvian SSR	16	16	14	14	20	22	17	16	8	8	8	8	8
Kirgiz SSR.	14	15	13	13	20	22	18	17	10	10	10	10	10
Tadzhik SSR	12	13	11	10	22	21	18	16	7	8	8	7	7
Armenian SSR.	11	12	11	9	13	15	13	11	8	8	7	7	7
Turkmen SSR	15	15	14	13	22	21	16	14	9	10	12	12	12
Estonian SSR.	17	17	15	14	21	20	16	14	11	11	12	12	12

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Release of Films							
	1940	1965	1970	1975	1976	1977	1978
Full-length films	54	167	218	282	285	280	297
including:							
feature films (including television and filmed plays)	38	131	181	241	248	241	256
newsreel-documentary and popular science	16	36	37	41	37	39	41
Shorts (not counting film magazines)--total	198	920	1174	1376	1415	1403	1409
including:							
feature films and animated cartoons (including television).	19	56	72	89	107	110	98
newsreel-documentary.	47	314	387	453	445	421	437
scientific, technical and educational	132	550	715	834	863	872	874

Publication of Books and Pamphlets, Magazines and Newspapers							
	1940	1965	1970	1975	1976	1977	1978
Books and pamphlets							
Number of books and pamphlets (printed items), thousands. . .	45.8	76.1	78.9	83.5	84.3	85.4	84.7
Printed copies, millions. . . .	462	1279	1362	1709	1783	1802	1788
Printed impressions, billions . .	2.8	13.0	14.5	18.0	18.6	18.8	18.8
Magazines and other periodicals (including collections and bulletins, which are published periodically)							
Number of magazines and other periodicals	1822	3846	5968	4725	4859	4670	4838
Annual circulation, millions. . .	245	1548	2622	3043	3069	3099	3120
Printed impressions, billions . .	1.0	7.5	13.2	15.3	15.7	16.1	16.3
Newspapers							
Number of newspapers (editions)	8806	7687	8694	7985	7844	7923	7936
One-time circulation, millions. .	38	103	141	168	169	170	171
Annual circulation, billions. . .	7.5	23.1	31.2	38.0	38.5	38.5	38.6

During 1918-1978 more than 3 million books and pamphlets (printed items) with a total run of 50.2 billion were published in the USSR.

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Publication of Books and Pamphlets in Individual Languages
of the Peoples of the USSR

Name of languages	1913		1940	
	Number of books and pamphlets, printed items	Number of copies, thousands	Number of books and pamphlets, printed items	Number of copies, thousands
Russian.	23805	80218	34404	345728
Ukrainian.	228	686	2013	41328
Belorussian.	20	37	383	7811
Uzbek.	37	86	687	9509
Kazakh	40	161	387	4244
Georgian	232	453	1193	4023
Azerbaijani.	91	112	622	3968
Lithuanian	...	...	342	3314
Moldavian.	none	none	108	1186
Latvian.	...	...	295	2425
Kirgiz	none	none	177	1015
Tadzhik.	43*	...	300	2476
Armenian	257	349	685	2675
Turkmenian	none	none	280	2015
Estonian	...	...	234	2246
Bashkir.	none	none	187	914
Buryat	none	none	68	426
Kabardian and Balkar . . .	none	none	41**	172**
Kalmyk	none	none	58	267
Komi and Komi-Permyaki . .	2	1	107	395
Mari (meadow and alpine) .	18	28	78	223
Mordovian (Moksha and Erzya)	none	none	108	296
Languages of the peoples of Dagestan.	16	26	302	910
Osetian.	5	3	108	414
Tatar.	340	1671	329	4922
Tuvinian	none	none	--	--
Udmurt	19	29	65	388
Chechen and Ingush	none	none	154	673
Chuvash.	56	93	125	1024
Yakut.	1	2	143	1111

* Tadzhik-Persian.

** Kabardian and Circassian.

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Name of languages	1965		1970	
	Number of books and pamphlets, printed items	Number of copies, thousands	Number of books and pamphlets, printed items	Number of copies, thousands
Russian.	57521	1038412	60240	1086133
Ukrainian.	3003	78442	3112	92800
Belorussian.	299	7251	430	9371
Uzbek.	1005	18863	925	23203
Kazakh.	572	8217	634	12607
Georgian.	1674	9637	1613	12963
Azerbaijani.	1023	8524	850	8857
Lithuanian.	1590	11222	1415	12019
Moldavian.	458	5076	550	6102
Latvian.	1040	9886	1165	11870
Kirgiz.	422	2279	410	3322
Tadzhik.	330	2929	377	4118
Armenian.	861	6026	822	7224
Turkmenian.	352	3009	308	3796
Estonian.	1363	8727	1346	9290
Bashkir.	131	1082	119	967
Buryat.	53	163	48	225
Kabardian and Balkar. . . .	54	109	58	173
Kalmyk.	23	27	28	59
Komi and Komi-Permyaki. . .	36	119	31	87
Mari (meadow and alpine). .	67	217	49	166
Mordovian (Moksha and Erzya).	62	197	53	133
Languages of the peoples of Dagestan.	154	333	151	624
Osetian.	82	176	71	137
Tatar.	230	3365	195	2891
Tuvianian.	53	265	57	285
Udmurt.	18	44	28	124
Chechen and Ingush. . . .	45	179	49	155
Chuvash.	132	862	94	942
Yakut.	100	610	70	556

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	1975		1978	
	Number of books and pamphlets, printed items	Number of copies, thousands	Number of books and pamphlets, printed items	Number of copies, thousands
Russian.	64676	1381196	66263	1459721
Ukrainian.	2653	104904	2293	101190
Belorussian.	479	11002	402	7938
Uzbek.	1065	22604	1048	25014
Kazakh	752	14429	736	14194
Georgian	1409	12956	1549	13998
Azerbaijani.	827	9160	955	11619
Lithuanian	1367	13340	1366	15413
Moldavian.	619	8089	523	6292
Latvian.	1238	12423	1119	12746
Kirgiz	444	4309	468	4107
Tadzhik.	418	4324	352	3800
Armenian	748	8189	727	8865
Turkmenian	267	3758	256	4896
Estonian	1553	12306	1486	13680
Bashkir.	108	871	116	830
Buryat	45	122	40	93
Kabardian and Balkar . . .	50	194	60	181
Kalmyk	18	51	24	41
Komi and Komi-Permyaki . .	27	78	27	60
Mari (meadow and alpine) .	56	252	46	120
Mordovian (Moksha and Erzya)	42	145	41	65
Languages of the peoples of Dagestan.	133	485	149	590
Osetian.	54	122	70	138
Tatar.	179	2810	199	2479
Tuvianian	45	235	38	230
Udmurt	30	137	24	74
Chechen and Ingush	38	205	44	377
Chuvash.	111	1059	87	923
Yakut.	83	948	65	744

During the years of Soviet power books and pamphlets in the USSR have been published in 153 languages, including 89 languages of the peoples of the USSR, moreover, for many peoples a written language emerged after the Great October Socialist Revolution.

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Publication of Books and Pamphlets by Union Republics

	Number of books and pamphlets, printed items				Number of copies, millions			
	1965	1970	1975	1978	1965	1970	1975	1978
USSR--total.	76101	78899	83463	84727	1279.3	1362.4	1709.3	1787.9
RSFSR--total.	48954	50064	52339	54182	1007.7	1058.6	1339.9	1406.2
including in Russian	45374	46518	48608	50425	952.3	1006.8	1264.9	1332.4
Ukrainian SSR--total .	7251	8133	8731	8259	110.8	121.5	155.9	157.9
including in Ukrain- ian.	2998	3105	2651	2288	77.5	92.0	104.7	101.2
Belorussian SSR--total	1931	2174	2941	2618	23.0	25.2	34.4	33.7
including in Belo- russian.	295	428	475	397	7.2	9.4	11.0	7.9
Uzbek SSR--total. . . .	2141	2030	2366	2151	27.5	31.4	36.1	35.9
including in Uzbek .	983	898	1053	1037	18.6	23.1	22.5	25.0
Kazakh SSR--total. . .	1651	2022	2152	2167	17.6	22.3	26.0	26.2
including in Kazakh.	569	627	746	729	8.1	12.7	14.4	14.1
Georgian SSR--total. .	2255	2211	2032	2366	12.8	15.9	15.7	17.3
including in Geor- gian.	1672	1610	1406	1545	9.6	13.0	12.9	14.0
Azerbaijan SSR--total.	1478	1300	1180	1427	11.0	11.6	11.3	13.5
including in Azer- baijani.	1011	839	810	942	8.5	8.8	9.1	11.6
Lithuanian SSR--total.	2161	2186	1875	1743	14.8	14.6	16.4	18.4
including in Lithu- anian.	1586	1412	1361	1362	11.1	12.0	13.3	15.4
Moldavian SSR--total .	1246	1710	1727	1444	8.4	11.8	14.0	13.3
including in Mol- davian.	454	533	597	503	5.1	6.0	8.0	6.2
Latvian SSR--total. . .	1920	2167	2451	2305	13.9	14.7	15.1	16.5
including in Latvian	1033	1156	1235	1114	9.8	11.9	12.4	12.7
Kirgiz SSR--total. . .	959	855	960	1119	5.0	5.1	8.1	8.7
including in Kirgiz.	419	405	440	464	2.2	3.2	4.3	4.1
Tadzhik SSR--total. . .	634	718	895	740	5.0	5.6	6.0	5.1
including in Tadzhik	325	371	415	346	2.9	4.1	4.3	3.8
Armenian SSR--total. .	1033	1063	1063	1397	7.2	8.6	10.3	10.4
including in Arme- nian.	836	794	723	700	5.9	7.1	8.1	8.8
Turkmen SSR--total. . .	547	463	517	560	4.1	4.7	4.6	6.3
including in Turk- menian.	349	302	264	252	3.0	3.8	3.7	4.9
Estonian SSR--total. .	1940	1803	2234	2249	10.5	10.8	15.5	18.5
including in Esto- nian.	1359	1341	1549	1482	8.7	9.3	12.3	13.7

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Publication of Magazines and Other Periodicals by Union Republics
(including collections and bulletins, which are published periodically)

	Number of magazines and periodicals					Annual circulation, millions			One-time circulation in 1978, thousands	
	1965	1970	1975	1978	1978	1965	1970	1975	1978	1978
USSR--total.	3846	5968	4725	4838	4838	1547.6	2622.2	3042.7	3119.6	188838
RSFSR--total.	2603	4133	3521	3640	3640	1304.2	2059.8	2293.0	2342.3	150411
including in Russian.	2463	3945	3325	3415	3415	1279.9	2026.7	2226.4	2274.5	145268
Ukrainian SSR--total.	256	523	185	167	167	77.7	187.3	223.0	230.5	12381
including in Ukrainian.	108	186	108	91	91	67.6	167.3	202.3	206.7	10519
Belorussian SSR--total.	43	102	88	88	95	15.1	25.7	37.8	36.8	2132
including in Belorussian.	21	27	30	31	31	11.4	20.8	28.5	29.2	1554
Uzbek SSR--total.	119	127	77	75	75	37.6	96.9	134.3	141.5	6068
including in Uzbek.	37	33	29	27	27	22.0	67.2	97.5	103.6	5062
Kazakh SSR--total.	76	153	90	114	114	16.5	40.8	50.3	52.8	3195
including in Kazakh.	17	24	28	31	31	10.1	18.5	25.4	24.5	1849
Georgian SSR--total.	96	132	80	76	76	6.0	14.4	29.9	31.6	1609
including in Georgian.	82	97	68	65	65	5.8	13.7	25.2	27.5	1490
Azerbaijan SSR--total.	102	116	106	107	107	7.6	25.1	34.8	34.6	1762
including in Azerbaijan.	67	74	63	66	66	6.2	22.5	34.0	33.9	1698
Lithuanian SSR--total.	83	123	135	130	130	16.3	34.1	43.2	46.0	2836
including in Lithuanian.	69	86	111	98	98	15.4	32.7	41.4	44.0	2708
Moldavian SSR--total.	50	81	45	42	42	6.5	30.4	35.7	36.7	1254
including in Moldavian.	15	18	17	16	16	2.1	16.3	15.3	18.6	844
Latvian SSR--total.	88	106	82	84	84	27.8	39.7	53.6	56.1	2519
including in Latvian.	50	55	45	46	46	24.2	35.6	46.2	48.6	2032
Kirgiz SSR--total.	54	45	33	34	34	8.0	18.2*	30.6	32.8	1105
including in Kirgiz.	18	18	20	17	17	2.9	5.2	8.7	10.3	627
Tadzhik SSR--total.	37	42	41	50	50	3.4	10.0	19.0	20.5	749
including in Tadzhik.	12	15	14	17	17	2.7	7.5	13.0	13.7	581
Armenian SSR--total.	81	101	91	89	89	3.3	12.5	20.5	19.8	945
including in Armenian.	55	74	56	50	50	3.1	11.5	18.3	17.6	865
Turkmen SSR--total.	30	35	26	29	29	3.5	6.4	11.4	11.0	525
including in Turkmenian.	11	15	13	14	14	2.9	5.7	11.1	10.8	502
Estonian SSR--total.	128	149	125	106	106	14.1	20.9	25.6	26.6	1347
including in Estonian.	96	111	86	74	74	14.0	15.9	19.1	19.9	977

* Including the circulation of GOVORIT I POKAZYVAET FRUNZE, which was published in Kirgiz and Russian--12.6 million.

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Publication of Newspapers by Union Republics

	Number of newspapers, editions					Annual circulation, millions			One-time circulation in 1978, thousands
	1965	1970	1975	1978	1985	1970	1975	1978	
USSR--total.	7687	8694	7985	7936	23073	31176	37976	38642	171107
RSFSR--total.	3991	4445	4226	4328	17822	22767	27472	27884	114821
including in Russian	3728	4160	3922	4025	17550	22402	27028	27430	111727
Ukrainian SSR--total.	2373	2618	2029	1755	2077	3478	4447	4524	23988
including in Ukrainian	1936	2118	1573	1304	1478	2346	2896	2955	15996
Belorussian SSR--total. . . .	150	175	179	190	441	665	805	837	4793
including in Belorussian . . .	114	132	129	128	176	243	281	284	1663
Uzbek SSR--total.	172	226	257	267	404	693	881	929	4772
including in Uzbek	100	130	169	180	270	493	653	691	3650
Kazakh SSR--total.	294	355	400	424	548	803	1025	1029	5159
including in Kazakh.	101	130	151	157	168	276	320	313	1722
Georgian SSR--total.	102	142	141	141	281	589	678	688	3181
including in Georgian.	78	122	122	123	215	494	569	572	2687
Azerbaijan SSR--total.	82	118	117	119	218	392	519	526	2734
including in Azerbaijani . . .	56	93	92	95	141	295	395	399	2235
Lithuanian SSR--total.	80	91	109	122	262	341	393	418	2119
including in Lithuanian. . . .	64	74	86	96	224	288	333	353	1867
Moldavian SSR--total.	77	120	138	163	189	294	333	339	1954
including in Moldavian	34	56	60	70	117	188	203	206	1197
Latvian SSR--total.	78	82	83	92	230	273	305	315	1496
including in Latvian	50	53	52	56	165	193	216	222	1099
Kirgiz SSR--total.	83	90	101	107	115	169	232	233	1225
including in Kirgiz.	45	50	56	59	64	95	127	137	775
Tadzhik SSR--total.	48	61	61	57	119	178	226	246	1235
including in Tadzhik	35	51	51	48	69	106	138	153	882
Armenian SSR--total.	83	81	80	83	117	197	243	244	1518
including in Armenian.	73	72	70	73	103	177	220	220	1406
Turkmen SSR--total.	37	47	26	46	81	120	165	183	951
including in Turkmenian. . . .	27	33	14	34	60	88	115	132	746
Estonian SSR--total.	37	43	38	42	169	217	252	247	1161
including in Estonian.	28	31	29	31	145	186	209	203	988

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PUBLIC HEALTH

Main Indicators of the Development of Public Health
(at end of the year; thousands)

	1913	1940	1965	1970	1975	1976	1977	1978
Number of physicians of all specializations. . . .	28.1	155.3	554.2	668.4	834.1	864.6	897.2	928.7
Number of intermediate medical personnel.	46	472	1692	2123	2515	2586	2627	2672
Number of specialists with a higher and secondary specialized education, who are employed in the national economy:								
with a higher education. . . .		9.5	35.7	47.7	61.9	65.0	68.3	71.0
with a secondary specialized education		36.2	89.9	120.1	145.5	148.2	150.2	152.0
Number of hospital institutions*.	5.3	13.8	26.3	26.2	24.3	23.9	23.7	23.4
Number of hospital beds.	208	791	2226	2663	3009	3076	3140	3201
Number of medical institutions which provide out-patient assistance to the population*.	5.7	36.8	36.7	37.4	35.6	35.7	35.6	35.5

* The decrease of the number of institutions, which provide in-patient and out-patient assistance, in some years is explained by the reorganization and consolidation of these institutions.

All medical institutions, which conduct out-patient reception (poly-clinics, out-patient clinics, dispensaries, polyclinic departments of hospital institutions, medical health centers and others), are included in the medical institutions which provide out-patient assistance.

/Table continued on following page/

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	1913	1940	1965	1970	1975	1976	1977	1978
Number of maternity advice bureaus, children's poly- clinics and out-patient clinics (independent and belonging to other in- stitutions).	0.009	8.6	19.3	21.0	22.1	22.3	22.5	23.0*
Number of beds (medical and obstetric) for preg- nant women and new mothers**.	7.1	147	227	224	223	223	224	227

* Including 10,200 maternity advice bureaus and 12,800 children's poly-clinics and out-patient clinics.

** The medical beds for pregnant women and new mothers are also included in the total number of hospital beds; their number in 1978 was 219,000.

Number of Physicians of All Specializations and Provision of the Population
With Physicians by Union Republics

	All physicians, thousands					Number of physicians per 10,000 people				
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
USSR.	155.3	554.2	668.4	834.1	928.7	7.9	23.9	27.4	32.6	35.4
RSFSR	90.8	315.5	378.4	468.9	523.7	8.2	24.8	29.0	34.8	38.1
Ukrainian SSR	35.3	110.6	131.0	157.1	171.6	8.4	24.3	27.6	32.0	34.5
Belorussian SSR	5.2	18.9	23.4	28.3	30.9	5.7	21.8	25.8	30.1	32.3
Uzbek SSR	3.2	17.7	24.4	35.4	41.1	4.7	17.0	20.1	25.0	26.7
Kazakh SSR.	2.7	22.5	28.8	39.2	43.7	4.3	18.7	21.8	27.6	29.8
Georgian SSR.	4.9	15.8	17.1	20.4	22.0	13.3	35.0	36.2	41.4	43.9
Azerbaijan SSR.	3.3	11.0	13.1	16.5	19.0	10.0	23.8	25.0	28.7	31.6
Lithuanian SSR.	2.0	6.4	8.7	11.3	12.6	6.7	21.5	17.4	34.1	37.0
Moldavian SSR	1.1	6.0	7.4	10.1	11.6	4.2	17.9	20.5	26.2	29.3
Latvian SSR	2.5	7.1	8.5	9.8	10.8	13.2	31.2	35.6	39.4	42.6
Kirgiz SSR.	0.6	5.0	6.2	8.2	9.5	3.8	19.1	20.8	24.7	27.0
Tadzhik SSR	0.6	3.8	4.7	7.2	8.6	4.1	15.0	15.9	20.6	22.6
Armenian SSR.	1.0	6.0	7.3	9.8	10.4	7.5	26.7	28.7	34.5	34.4
Turkmen SSR	1.0	4.1	4.8	6.6	7.4	7.6	21.2	21.4	26.0	27.0
Estonian SSR.	1.1	3.8	4.6	5.3	5.8	10.0	29.5	33.1	36.9	39.9

Number of Women Physicians of All Specializations
(at end of the year)

	1913	1940	1965	1970	1975	1976	1977	1978
Number of women physicians:								
thousands.	2.8	96.3	408.9	479.6	583.5	600.6	621.6	639.8
percent of total number of physicians	10	62	74	72	70	69	69	69

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Number of Intermediate Medical Personnel and Provision of the Population With
Intermediate Medical Personnel by Union Republics

	All intermediate medical personnel, thousands				Number of intermediate medical personnel per 10,000 people					
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
USSR.	472.0	1691.8	2123.0	2515.1	2672.1	24.0	72.8	87.0	98.4	101.8
RSFSR	290.4	979.2	1212.3	1416.5	1502.8	26.1	77.0	92.7	105.2	109.3
Ukrainian SSR	100.8	331.7	411.5	484.5	495.8	24.1	72.8	86.6	98.6	99.7
Belorussian SSR	17.9	56.6	73.1	85.2	89.6	19.7	65.4	80.6	90.7	93.8
Uzbek SSR	12.2	53.9	78.5	108.6	126.4	18.2	51.8	64.7	76.5	82.3
Kazakh SSR.	12.0	76.5	106.0	130.7	141.7	18.6	63.5	80.2	92.0	96.6
Georgian SSR.	9.4	37.1	43.2	49.9	54.1	25.6	82.3	91.3	101.5	107.9
Azerbaijan SSR.	7.5	31.2	39.7	46.5	49.3	22.5	67.4	76.0	81.1	81.8
Lithuanian SSR.	2.0	19.3	24.7	30.6	34.4	6.9	64.7	78.0	92.0	101.2
Moldavian SSR	2.4	21.9	28.0	33.2	35.3	9.8	65.0	77.3	86.0	89.5
Latvian SSR	3.6	19.0	22.1	25.5	27.4	18.7	83.5	92.7	102.7	108.6
Kirgiz SSR.	2.6	15.4	21.6	27.1	30.5	16.1	58.8	72.3	81.3	86.4
Tadzhik SSR	2.7	10.8	15.4	21.2	23.8	17.0	42.4	51.5	60.8	62.7
Armenian SSR.	2.3	14.8	17.9	21.9	25.2	17.1	66.0	70.1	76.9	83.1
Turkmen SSR	4.7	13.1	16.1	19.2	20.7	35.5	68.6	72.4	75.0	75.2
Estonian SSR.	1.5	11.3	12.9	14.5	15.1	14.1	87.2	93.7	101.3	102.9

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Number of Hospital Institutions by Union Republics

	1940	1965	1970	1975	1978
USSR.	13793	26303	26234	24251	23401
RSFSR	8477	13801	13784	13067	12626
Ukrainian SSR	2498	4879	4693	4122	3919
Belorussian SSR	514	1057	1024	913	886
Uzbek SSR	380	1182	1262	1159	1146
Kazakh SSR.	627	1876	1972	1770	1709
Georgian SSR.	314	650	573	500	479
Azerbaijan SSR.	222	724	779	748	752
Lithuanian SSR.	77	287	273	229	209
Moldavian SSR	109	365	364	354	339
Latvian SSR	89	227	211	187	182
Kirgiz SSR.	112	284	273	263	268
Tadzhik SSR	121	264	294	278	277
Armenian SSR.	96	258	261	228	186
Turkmen SSR	99	251	283	270	272
Estonian SSR.	58	198	188	163	151

The decrease of the number of hospital institutions is explained by the consolidation of sectional hospitals.

Number of Medical Institutions Which Provide Out-Patient Assistance to the Population by Union Republics

	1940	1965	1970	1975	1978
USSR.	36843	36696	37360	35641	35547
RSFSR	20527	19766	19903	18903	18552
Ukrainian SSR	7737	6288	6417	5870	5856
Belorussian SSR	1561	1421	1493	1357	1365
Uzbek SSR	1187	1669	1767	1848	2011
Kazakh SSR.	1059	2158	2220	2202	2251
Georgian SSR.	1545	1419	1392	1345	1335
Azerbaijan SSR.	931	980	1075	1044	1047
Lithuanian SSR.	352	466	484	429	420
Moldavian SSR	337	389	428	480	513
Latvian SSR	141	471	405	367	347
Kirgiz SSR.	319	343	343	341	358
Tadzhik SSR	245	302	371	389	427
Armenian SSR.	268	440	457	487	476
Turkmen SSR	360	329	323	338	345
Estonian SSR.	274	255	282	241	244

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Number of Hospital Beds and Provision of the Population With Hospital Beds by Union Republics												
	Number of hospital beds, thousands					Number of hospital beds per 10,000 people						
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978		
USSR.	790.9	2225.5	2663.3	3009.2	3201.1	40.2	95.8	109.2	117.7	122.0		
RSFSR	482.0	1241.1	1469.3	1649.2	1742.1	43.3	97.6	112.4	122.4	126.7		
Ukrainian SSR	157.6	428.2	511.0	578.3	608.5	37.7	94.0	107.6	117.7	122.3		
Belorussian SSR	29.6	80.0	94.2	107.0	116.6	32.6	92.4	103.7	114.0	122.0		
Uzbek SSR	20.3	96.0	123.5	145.6	167.5	30.1	92.4	101.7	102.6	109.0		
Kazakh SSR.	25.4	123.6	156.4	178.6	188.9	39.5	102.6	118.4	125.7	128.7		
Georgian SSR.	13.3	38.2	43.1	48.0	52.7	36.0	84.8	91.1	97.6	105.2		
Azerbaijan SSR.	12.6	39.8	48.8	54.8	57.9	37.8	85.7	93.4	95.5	96.2		
Lithuanian SSR.	8.9	26.6	32.4	36.9	39.1	30.0	88.9	102.2	111.0	115.0		
Moldavian SSR	6.1	30.1	35.8	42.0	46.0	24.6	89.4	99.0	109.0	116.6		
Latvian SSR	12.0	26.2	28.1	31.7	33.4	63.0	115.1	118.0	127.6	132.3		
Kirgiz SSR.	3.8	23.8	31.9	37.4	40.9	24.1	91.1	106.5	112.5	116.2		
Tadzhik SSR	4.5	22.4	29.2	33.5	37.4	28.6	87.8	97.9	95.8	98.4		
Armenian SSR.	4.1	17.8	21.9	24.4	25.2	30.1	79.4	85.9	85.4	83.1		
Turkmen SSR	5.6	17.4	22.6	25.8	28.0	41.6	90.6	102.0	101.0	101.6		
Estonian SSR.	5.1	14.3	15.1	16.0	16.9	47.7	110.1	110.2	111.5	115.4		

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Sickness Rate of the Population With Individual Infectious Diseases

	1940	1965	1970	1975	1976	1977	1978
Number of cases, thousands							
Typhoid fever and paratyphoid A, B and C*	121.3	25.5	22.5	26.0	21.0	22.9	18.1
Scarlet fever	251.5	530.8	469.9	361.1	383.6	308.4	287.2
Diphtheria	177.0	4.7	1.10	0.20	0.20	0.24	0.27
Whooping cough	453.3	190.0	39.5	14.9	33.0	22.6	17.2
Tetanus	...	1.4	0.65	0.49	0.43	0.42	0.36
Acute poliomyelitis	1.28	0.30	0.27	0.13	0.11	0.26	0.15
Measles	1181.9	2128.7	471.5	363.8	320.8	315.3	545.4
Number of cases per 100,000 people							
Typhoid fever and paratyphoid A, B and C	62	11	9	10	8	9	7
Scarlet fever	129	230	194	142	149	119	110
Diphtheria	91	2	0.45	0.08	0.08	0.09	0.10
Whooping cough	232	82	16	6	13	9	7
Tetanus	...	0.59	0.27	0.19	0.17	0.16	0.14
Acute poliomyelitis	0.65	0.13	0.11	0.05	0.04	0.10	0.06
Measles	605	922	194	143	125	122	209

* Prior to 1965 only cases of illness with typhoid fever and paratyphoid A and B were recorded.

Number of Beds (Medical and Obstetric) for Pregnant Women and New Mothers by Union Republics (thousands)

	1940	1965	1970	1975	1978
USSR	147.1	227.0	223.8	223.0	226.7
RSFSR	90.7	118.3	110.3	110.5	112.3
Ukrainian SSR	35.0	47.8	45.1	41.6	39.8
Belorussian SSR	5.4	7.5	6.9	7.0	7.2
Uzbek SSR	2.8	11.0	13.4	15.2	17.2
Kazakh SSR	4.3	14.7	16.3	15.7	16.6
Georgian SSR	1.9	4.2	4.4	4.4	4.3
Azerbaijan SSR	2.0	4.3	5.6	5.9	6.4
Lithuanian SSR	0.4	2.5	2.5	2.5	2.4
Moldavian SSR	0.6	4.4	4.5	4.1	3.7
Latvian SSR	0.8	1.5	1.4	1.6	1.7
Kirgiz SSR	0.8	3.2	4.0	4.2	4.3
Tadzhik SSR	0.6	2.2	2.9	3.3	3.8
Armenian SSR	0.7	2.7	2.8	2.9	2.8
Turkmen SSR	0.8	1.9	2.8	3.2	3.3
Estonian SSR	0.3	0.8	0.9	0.9	0.9

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Number of Maternity Advice Bureaus, Children's Polyclinics and Out-Patient
Clinics (Independent and Belonging to Other Institutions)
by Union Republics

	1940	1965	1970	1975	1978
USSR.	8603	19333	20955	22079	22978
RSFSR	4917	10956	11504	12120	12261
Ukrainian SSR	1821	4157	4649	4500	4622
Belorussian SSR	311	503	550	574	609
Uzbek SSR	276	618	807	975	1095
Kazakh SSR.	269	900	982	1201	1381
Georgian SSR.	283	445	472	477	496
Azerbaijan SSR.	166	274	313	388	588
Lithuanian SSR.	51	205	203	228	229
Moldavian SSR	40	222	222	237	221
Latvian SSR	109	217	215	220	228
Kirgiz SSR.	66	220	292	317	324
Tadzhik SSR	71	122	201	259	305
Armenian SSR.	60	232	245	228	226
Turkmen SSR	106	147	174	212	250
Estonian SSR.	57	115	126	143	143

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FINANCE AND CREDIT

Monetary Accumulations of the National Economy (Excluding Kolkhozes)
(billions of rubles)

	1940	1965	1970	1975	1976	1977	1978
All monetary accumulations.	14.3	83.3	139.7	176.2	189.3	196.0	210.3
including:							
profit.	3.3	37.0	87.0	104.5	106.4	110.3	114.3
turnover tax.	10.6	38.7	49.4	66.6	70.7	74.6	84.1
other accumulations . . .	0.4	7.6	3.3	5.1	12.2	11.1	11.9

Profit of Enterprises and Economic Organizations*
(millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
Profit--total.	3269	36960	86989	104497	106376	110316	114309
Profit of state enterprises and economic organizations	3149	36062	85668	102847	104706	108565	112582
of them enterprises and organizations of:							
industry	1689	22548	55956	65941	64827	67161	70659
agriculture (sovkhozes and other state farms) .	-176	-568	4935	-492	1925	1446	2073
procurement.	86	668	1182	1235	1235	1364	1340
transportation and communications.	674	6830	11523	15557	15741	16393	16275
construction (contracting organizations) . . .	-16	1605	4736	8566	8512	8701	8226
supply and marketing . .	139	892	1696	2978	3153	3344	3304
trade.	326	1398	2859	4393	4671	4941	5203
municipal services . . .	128	748	984	1311	1235	1329	1276
other sectors.	299	1941	1797	3358	3407	3886	4226
Profit of consumer cooperatives	120	898	1321	1650	1670	1751	1727

* In this and other tables a minus sign (-) means a loss.

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The profit in 1978 as compared with 1977 in comparable prices and under comparable conditions increased by 6 percent.

Distribution of the Profit of State Enterprises and Economic Organizations*
(percent)

	1965	1970	1975	1976	1977	1978
Profit made--total.	100	100	100	100	100	100
of it:						
paid into the budget.	70	59	57	56	59	57
including payments from the profit. . .	69	58	56	55	58	56
left at the disposal of enterprises and economic organizations.	30	41	43	44	41	43
including:						
allocated for capital investments and formation of the main herd.	10	13	10	9	6	7
withheld for economic stimulation funds	6	14	17	17	17	17
allocated for the increase of internal working capital and the financing of the planned losses of other enterprises . .	9	5	5	4	5	5
used for other purposes	5	9	11	14	13	14

* The data pertain only to enterprises and economic organizations, which made a profit.

Distribution of the Profit of Industrial Enterprises*
(percent)

	1965	1970	1975	1976	1977	1978
Profit made--total.	100	100	100	100	100	100
of it:						
paid into the budget.	71	62	58	57	61	59
including payments from the profit. . .	71	61	57	57	60	58
of it:						
profit withholding tax.	71	4	1	1	1	1
fee for fixed production capital and working capital	--	17	22	23	23	23
fixed (rent) payments	--	5	4	3	3	3
payment of the net surplus of profit. . .	--	35	30	30	33	31
left at the disposal of enterprises . . .	29	38	42	43	39	41
including:						
allocated for capital investments . . .	9	14	10	9	5	7
withheld for economic stimulation funds	6	14	17	18	17	17
used for other purposes	14	10	15	16	17	17

* The data pertain only to enterprises and economic organizations, which made a profit.

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Profitability of Industrial Enterprises

Years	All monetary accumulations (the profit, turnover tax and others), billions of rubles	including the profit	Percent of the value of the fixed production capital and physical working capital	
			all monetary accumulations	profit
1960	46.6	14.0	45.1	13.6
1965	60.3	22.5	34.8	13.0
1970	93.0	56.0	35.8	21.5
1971	95.4	56.2	33.8	19.8
1972	99.7	59.4	32.6	19.3
1973	105.2	60.0	31.7	18.0
1974	113.3	64.2	31.6	17.7
1975	116.5	65.9	28.0	15.8
1976	118.7	64.8	26.5	14.4
1977	122.3	67.2	25.3	14.0
1978	135.3	70.7	26.1	13.5

Profit of Industrial Enterprises by Sectors of Industry
(millions of rubles)

	1965	1970	1975	1976	1977	1978
All industry.	22548	55956	65941	64827	67161	70659
including by sectors:						
electric power.	875	3464	4341	3904	3999	4321
fuel.	-614	5229	5461	5636	5428	5025
of it:						
oil drilling.	331	2380	2553	2551	2532	2284
petroleum refining.	568	1165	1785	1937	1995	2263
gas	58	747	796	916	1014	1062
coal.	-1582	844	242	148	-159	-626
peat.	8	66	29	31	-9	-10
ferrous metallurgy.	1302	3999	4283	4987	4846	4748
chemical and petrochemical.	1723	3708	6575	6593	6987	7332
machine building and metalworking	7029	13887	16660	16286	17866	20137
timber, wood processing and pulp and paper	696	2587	2216	1939	1919	1817
including:						
logging	202	901	512	354	250	109
pulp and paper.	100	484	588	606	604	596
construction materials industry	473	1611	2022	1884	1774	1601
including cement.	242	292	387	380	383	356
light	3466	6962	7260	7174	7361	7614
including textile	1925	3326	3798	3619	3579	3732
food.	4643	6797	8564	7814	8123	8514

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Profitability of Industrial Enterprises by Sectors of Industry
(profit as a percentage of the value of the fixed production capital
and physical working capital)

	1965	1970	1975	1976	1977	1978
In actual prevailing prices						
All industry.	13.0	21.5	15.8	14.4	14.0	13.5
including by sectors:						
electric power.	4.6	10.9	7.8	6.5	6.2	6.4
fuel.	-3.1	18.8	12.3	11.3	10.1	8.7
of it:						
oil drilling.	5.7	27.8	16.8	15.2	13.2	11.0
petroleum refining.	19.4	22.6	23.3	23.2	24.4	24.8
gas	9.3	64.5	22.9	20.8	19.9	17.8
coal.	-17.0	7.3	1.5	0.8	-0.8	-3.2
peat.	0.9	6.5	2.1	2.2	-0.6	-0.7
ferrous metallurgy.	8.6	17.2	11.8	12.7	11.7	10.7
chemical and petrochemical.	16.4	20.2	21.0	19.3	19.0	18.4
machine building and metalworking	16.7	22.8	16.6	14.9	14.8	15.2
timber, wood processing and pulp and paper	6.9	20.0	11.4	9.3	8.7	7.9
including:						
logging	4.3	16.4	6.3	4.2	2.8	1.2
pulp and paper.	5.9	14.7	10.7	10.1	9.4	8.7
construction materials industry	5.4	12.2	9.9	8.5	7.5	6.4
including cement.	14.5	13.3	11.3	10.4	10.1	8.9
light	29.9	42.5	28.7	26.8	25.8	25.3
including textile	23.4	28.4	20.7	18.9	17.6	17.5
food.	24.4	27.4	23.9	20.9	20.6	20.7
In comparable prices of 1975						
All industry.	10.6	13.8	15.8	15.9	15.9	15.6
including by sectors:						
electric power.	8.3	8.4	7.8	8.0	7.8	8.1
fuel.	13.2	13.9	12.3	11.6	10.7	9.3
of it:						
oil drilling.	17.8	21.9	16.8	15.2	13.4	11.6
petroleum refining.	12.2	15.8	23.3	23.2	24.2	25.1
gas	56.5	53.5	22.9	21.8	20.9	18.7
coal.	9.6	4.4	1.5	0.8	-0.4	-2.8
peat.	1.5	4.0	2.1	3.1	0.4	0.5
ferrous metallurgy.	11.9	13.6	11.8	11.2	10.2	9.4
chemical and petrochemical.	10.9	14.6	21.0	20.7	21.3	21.0
machine building and metalworking	3.8	7.6	16.6	19.1	20.7	22.4
timber, wood processing and pulp and paper	9.1	13.7	11.4	10.3	9.7	8.4
including:						
logging	0.8	11.8	6.3	4.0	2.6	0.9
pulp and paper.	9.5	9.5	10.7	10.1	10.0	9.7

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	1965	1970	1975	1976	1977	1978
construction materials industry.	6.5	9.1	9.9	9.1	8.2	7.0
including cement	9.7	11.3	11.3	10.3	10.1	9.0
light.	24.0	33.9	28.7	28.3	27.4	27.3
including textile.	18.4	22.7	20.7	19.1	17.9	17.9
food	23.7	25.7	23.9	20.7	20.5	20.8

Profit and Profitability of Enterprises of Transportation
and Communications

	1965	1970	1975	1976	1977	1978
Profit from all activity, millions of rubles						
Rail transport.	4414	5763	892	6947	6699	6605
Maritime transport.	247	1052	1892	1956	1969	2031
River transport	196	389	544	527	576	642
Motor transport	990	2008	2741	2578	2898	2144
Communications.	426	840	1290	1337	1507	1738
Level of profitability,* percent						
Rail transport.	13.3	14.0	10.6	10.3	9.6	9.1
Maritime transport.	6.3	16.8	19.4	17.9	16.7	15.9
River transport	8.5	12.8	12.0	10.9	11.0	11.7
Motor transport	24.6	32.5	26.2	21.9	23.1	14.9
Communications.	11.3	13.8	11.8	11.2	11.9	12.7

* The profit as a percentage of the value of the fixed production capital and physical working capital.

Profit and Profitability of Contracting Construction Organizations

	1965	1970	1975	1976	1977	1978
Total profit of contracting construction organizations, millions of rubles.	1605	4736	8566	8512	8701	8226
Profit from delivery of work to clients, millions of rubles.	1651	4772	8487	8435	8623	8230
Level of profitability (profit from the delivery of work to clients as a percentage of the cost of contracting construction operations).	6.1	11.3	15.9	15.1	14.8	13.4

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Profit and Profitability of State and Cooperative Trade
Enterprises and Organizations*

	Total profit of trade enterprises and organizations, millions of rubles	including the profit from sale of goods in wholesale and retail trade and public dining	Level of profitability--profit from sale of goods as a percentage of commodity turnover marketing costs	
1965				
All trade.	2296	1548	0.9	17.8
state.	1398	962	0.7	15.6
of it:				
retail	1044	628	0.9	11.8
wholesale.	354	334	0.5	43.1
cooperative.	898	586	1.9	22.8
1970				
All trade.	4180	3333	1.45	25.2
state.	2859	2403	1.3	26.0
of it:				
retail	2207	1885	1.9	22.8
wholesale.	652	518	0.6	53.5
cooperative.	1321	930	2.0	23.4
1975				
All trade.	6043	4583	1.5	27.0
state.	4393	3487	1.4	29.7
of it:				
retail	3428	2805	2.0	26.5
wholesale.	965	682	0.7	59.3
cooperative.	1650	1096	1.8	20.8
1976				
All trade.	6341	4894	1.5	27.8
state.	4671	3750	1.5	30.8
of it:				
retail	3724	3009	2.1	27.3
wholesale.	947	741	0.7	63.7
cooperative.	1670	1144	1.8	21.0
1977				
All trade.	6692	5193	1.6	28.2
state.	4941	4002	1.5	31.5
of it:				
retail	3984	3224	2.2	27.8
wholesale.	957	778	0.7	68.4
cooperative.	1751	1191	1.8	21.0

* The data are cited for enterprises of the Ministry of Trade, departments of workers' supply and offices of food supply for workers and employees, the Main Administration for the Distribution of Printed Matter, Aptekoup-ravleniye, Knigotorg and consumer cooperatives.
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	Total profit of trade en- terprises and organ- izations, millions of rubles	including the profit from sale of goods in wholesale and retail trade and pub- lic dining	Level of profitability-- profit from sale of goods as a percentage of commodity turnover marketing costs	
1978				
All trade.	6930	5411	1.6	27.4
state.	5203	4193	1.5	30.7
of it:				
retail.	4252	3385	2.2	27.4
wholesale. . . .	951	808	0.7	61.9
cooperative. . . .	1727	1218	1.8	20.2

Working Capital in Sectors of the National Economy
(at end of the year; millions of rubles)

	1965	1970	1975	1976	1977	1978
All working capital						
Total.	137168	211837	314043	333914	358106	381333
including in sectors of the national economy:						
industry.	53653	78824	104927	109978	118157	125310
agriculture (sovkhozes and other state farms)	11859	21513	29735	32998	35675	37462
including sovkhozes.	10319	18453	27490	32090	34867	37200
transportation and communica- tions.	3238	5380	7644	8187	8599	9239
construction (contracting organizations)	9207	19285	50969	57903	64645	72838
procurement.	7153	10531	11616	13306	12062	15137
supply and marketing	8234	13261	17692	18259	19448	20755
trade.	37261	50137	66278	68024	71770	71587
other sectors.	6563	12906	25182	25259	27750	29005
including working capital in reserves of commodity stocks						
Total.	107673	163356	234305	252135	269296	286193
including in sectors of the national economy:						
industry.	44250	63277	84185	88811	95626	101375
agriculture (sovkhozes and other state farms)	10202	18497	25574	28447	30362	31880
including sovkhozes.	9020	16078	23899	27868	29878	31370
transportation and communica- tions.	1647	2562	3421	3686	3967	4250

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	1965	1970	1975	1976	1977	1978
construction (contracting organizations)	4585	10688	32225	38256	43522	49020
procurement	5967	9203	9442	11406	10146	12730
supply and marketing	5641	9310	12445	13063	13870	14798
trade	32421	43737	56974	58819	61471	61350
other sectors	2960	6082	10039	9647	10332	10790

Structure of the Working Capital and Sources of Its Formation
in Individual Sectors of the National Economy
(at end of the year; percent)

	1965	1970	1975	1976	1977	1978
Entire national economy						
Working capital--total	100	100	100	100	100	100
commodity stocks	78.5	77.2	74.6	75.5	75.2	75.3
shipped goods and rendered services	7.8	7.2	6.6	6.1	6.0	6.1
monetary assets	6.5	7.8	8.7	8.5	8.5	8.5
accounts receivable	6.6	7.4	9.5	9.3	9.6	9.5
other working capital	0.6	0.4	0.6	0.6	0.7	0.6
Sources of formation of working capital--total	100	100	100	100	100	100
internal capital and capital equated with it	38.3	34.1	26.9	25.6	24.8	25.0
bank credits	47.1	45.9	44.8	46.1	46.3	46.2
accounts payable	11.5	13.3	21.6	21.5	22.5	22.0
other sources	3.1	6.7	6.7	6.8	6.4	6.8
Industry						
Working capital--total	100	100	100	100	100	100
commodity stocks	82.5	80.2	80.2	80.8	80.9	80.9
shipped goods and rendered services	9.9	8.5	8.6	8.0	7.8	7.9
monetary assets	4.0	6.6	6.2	6.4	6.3	6.3
accounts receivable	3.0	4.0	4.0	3.7	3.9	3.8
other working capital	0.6	0.7	1.0	1.1	1.1	1.1
Sources of formation of working capital--total	100	100	100	100	100	100
internal capital and capital equated with it	45.7	38.9	35.2	35.0	34.1	34.5
bank credits	42.6	43.6	47.3	47.1	48.2	48.0
accounts payable	8.6	9.0	8.8	9.2	9.3	8.9
other sources	3.1	8.5	8.7	8.7	8.4	8.6
Agriculture (sovkhozes and other state farms)						
Working capital--total	100	100	100	100	100	100
commodity stocks	86.0	85.7	86.0	86.2	85.1	85.5
shipped goods and rendered services	1.9	3.6	4.2	3.7	4.2	4.0
monetary assets	7.4	7.2	8.1	8.1	8.2	8.2
accounts receivable	2.8	1.8	1.1	1.2	1.5	1.4
other working capital	1.9	0.7	0.6	0.8	1.0	0.9

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	1965	1970	1975	1976	1977	1978
Sources of formation of working capital--total.	100	100	100	100	100	100
internal capital and capital equated						
with it	50.0	53.6	33.4	24.4	21.5	21.2
bank credits.	34.5	25.0	45.9	54.4	58.1	58.4
accounts payable.	5.9	7.1	7.1	6.8	6.4	6.6
other sources	9.6	14.3	13.6	14.4	14.0	13.8
Sovkhozes						
Working capital--total.	100	100	100	100	100	100
commodity stocks.	87.4	87.8	86.9	86.8	85.7	86.0
shipped goods and rendered services	1.6	3.3	4.1	3.6	4.1	4.0
monetary assets	6.7	7.1	7.4	7.7	7.9	7.9
accounts receivable	2.3	1.1	1.0	1.1	1.3	1.2
other working capital	2.0	0.7	0.6	0.8	1.0	0.9
Sources of formation of working capital--total.	100	100	100	100	100	100
internal capital and capital equated						
with it	50.7	56.3	32.4	24.0	21.2	21.0
bank credits.	35.0	23.2	48.1	55.5	59.0	59.3
accounts payable.	5.5	6.4	6.8	6.6	6.2	6.4
other sources	8.8	14.1	12.7	13.9	13.6	13.3
Construction (contracting organizations)						
Working capital--total.	100	100	100	100	100	100
commodity stocks.	50.1	55.4	63.2	66.1	67.3	67.1
shipped goods and rendered services	4.0	3.6	2.5	2.5	2.4	2.4
monetary assets	16.7	13.2	8.4	7.8	6.7	6.7
accounts receivable	29.0	27.6	25.7	23.5	23.4	23.6
other working capital	0.2	0.2	0.2	0.1	0.2	0.2
Sources of formation of working capital--total.	100	100	100	100	100	100
internal capital and capital equated						
with it	53.6	41.5	20.3	18.3	16.6	16.5
bank credits.	21.2	21.8	15.6	17.4	19.0	19.2
accounts payable.	21.7	30.8	59.7	60.2	60.8	61.0
other sources	3.5	5.9	4.4	4.1	3.6	3.3
Trade						
Working capital--total.	100	100	100	100	100	100
commodity stocks.	87.0	87.3	86.0	86.5	85.7	85.8
shipped goods and rendered services	5.0	4.7	4.8	4.3	4.4	4.3
monetary assets	3.2	3.8	4.3	4.3	4.9	4.8
accounts receivable	4.7	4.1	4.8	4.8	4.9	5.0
other working capital	0.1	0.1	0.1	0.1	0.1	0.1

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	1965	1970	1975	1976	1977	1978
Sources of formation of working capital--total.	100	100	100	100	100	100
internal capital and capital equated with it	27.7	25.8	26.4	27.1	27.0	27.0
bank credits.	62.0	61.5	60.1	60.1	59.2	59.1
accounts payable.	9.6	11.5	11.4	10.7	11.7	11.8
other sources	0.7	1.2	2.1	2.1	2.1	2.1

Structure of Working Capital in Reserves of Commodity Stocks
in the National Economy
(at end of the year; percent)

	1965	1970	1975	1976	1977	1978
Working capital in reserves of commodity stocks--total	100	100	100	100	100	100
Production stocks.	40.8	42.2	39.3	39.3	39.5	39.4
raw materials, basic materials and purchased semimanufactures	19.7	19.9	18.5	18.6	18.6	18.6
auxiliary materials.	3.8	4.2	4.0	3.8	3.8	3.7
fuel	1.0	1.0	0.9	0.8	0.7	0.8
packaging and packaging materials.	2.1	1.8	1.7	1.7	1.7	1.7
spare parts for repair	2.1	2.1	2.1	2.0	2.1	2.0
tools, operating stock and other inexpensive and rapidly wearing items.	5.7	5.4	5.0	4.9	4.9	4.9
seed and planting stock.	1.0	0.9	0.9	0.8	0.9	0.9
fodder and forage.	1.2	1.4	1.3	1.6	1.5	1.6
animals for fattening and young animals.	3.7	5.0	4.7	4.8	4.9	4.9
other production stocks.	0.5	0.5	0.2	0.3	0.4	0.4
Unfinished production and internally produced semimanufactures.	10.4	12.0	19.2	20.4	21.4	21.3
unfinished industrial production and internally produced semimanufactures.	8.4	8.4	7.9	7.9	7.9	7.9
unfinished nonindustrial production.	0.7	2.2	9.9	11.2	12.2	12.1
unfinished agricultural production	1.3	1.4	1.4	1.3	1.3	1.3
Stocks and unfinished production of subsidiary agriculture	0.3	0.3	0.2	0.2	0.2	0.2
Expenditures of future periods	2.1	1.8	1.7	1.6	1.6	1.6
Finished production.	6.0	4.6	4.4	4.2	4.2	4.2
Goods.	40.2	38.9	34.9	34.0	32.8	33.0
Other commodity stocks	0.2	0.2	0.3	0.3	0.3	0.3

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Structure of Working Capital in Reserves of Commodity Stocks in Industry
(at end of the year; percent)

	1965	1970	1975	1976	1977	1978
Working capital in reserves of commodity stocks--total.	100	100	100	100	100	100
Production stocks	58.5	59.9	60.2	60.1	59.8	59.9
raw materials, basic materials and purchased semimanufactures.	38.2	38.2	39.3	38.7	38.4	38.6
auxiliary materials	5.2	5.9	5.3	5.5	5.5	5.5
fuel.	1.4	1.6	1.6	1.5	1.4	1.4
packaging and packaging materials . .	2.4	2.2	2.3	2.4	2.3	2.3
spare parts for repair.	3.2	3.7	3.7	3.9	4.1	4.0
tools, operating stock and other inexpensive and rapidly wearing items .	8.1	8.3	8.0	8.1	8.1	8.1
Unfinished production and internally produced semimanufactures	20.0	21.1	20.6	21.4	21.5	21.5
unfinished industrial production and internally produced semimanufactures.	19.6	20.9	20.4	21.1	21.2	21.2
unfinished nonindustrial production .	0.4	0.2	0.2	0.3	0.3	0.3
Stocks and unfinished production of subsidiary agriculture.	0.3	0.3	0.3	0.2	0.2	0.2
Expenditures of future periods.	4.3	4.4	4.1	4.3	4.2	4.2
Finished production	13.7	11.1	11.4	11.2	11.4	11.3
Goods	2.7	2.7	2.7	2.6	2.7	2.7
Other commodity stocks.	0.5	0.5	0.7	0.2	0.2	0.2

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Structure of Working Capital in Reserves of Commodity Stocks in Agriculture
(at end of the year; percent)

	Agriculture (sovkhozes and other state farms)										including sovkhozes									
	1965	1970	1975	1976	1977	1978	1965	1970	1975	1976	1977	1978	1965	1970	1975	1976	1977	1978	1965	1970
Working capital in reserves of commodity stocks--total.	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Production stocks	79.9	82.9	81.0	80.9	81.4	81.5	79.6	82.5	81.1	81.1	81.6	81.7	79.6	82.5	81.1	81.1	81.6	81.7	79.6	82.5
raw materials, basic materials and purchased																				
semimanufactures	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.7	0.6	0.6
auxiliary materials	4.4	7.3	7.4	7.3	7.3	7.3	4.3	7.3	7.1	7.3	7.2	7.2	4.3	7.3	7.1	7.3	7.2	7.2	4.3	7.3
fuel	1.7	1.8	1.7	1.4	1.2	1.3	1.8	1.9	1.7	1.4	1.2	1.3	1.8	1.9	1.7	1.4	1.2	1.3	1.8	1.9
packaging and packaging materials	1.1	1.1	1.4	1.4	1.4	1.4	1.0	1.1	1.3	1.4	1.4	1.4	1.0	1.1	1.3	1.4	1.4	1.4	1.0	1.1
spare parts for repair	4.5	3.4	3.0	2.9	2.9	2.8	4.6	3.5	3.0	2.9	2.9	2.8	4.6	3.5	3.0	2.9	2.9	2.8	4.6	3.5
tools, operating stock and other inexpensive and rapidly wearing items	3.8	3.4	3.4	3.4	3.4	3.3	3.7	3.4	3.4	3.3	3.3	3.2	3.7	3.4	3.4	3.3	3.3	3.2	3.7	3.4
seed and planting stock	10.1	7.7	8.1	7.6	7.9	8.1	10.6	8.0	8.1	7.6	7.9	8.0	10.6	8.0	8.1	7.6	7.9	8.0	10.6	8.0
fodder and forage	12.9	12.4	12.0	13.9	13.1	13.5	13.1	12.8	12.1	14.0	13.2	13.6	13.1	12.8	12.1	14.0	13.2	13.6	13.1	12.8
animals for fattening and young animals	40.5	44.8	43.1	42.1	43.3	42.9	39.9	43.9	43.9	42.6	43.8	43.5	39.9	43.9	43.9	42.6	43.8	43.5	39.9	43.9
other production stocks	0.3	0.4	0.3	0.2	0.2	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished production and internally produced semimanufactures	17.0	14.7	16.5	16.4	15.8	15.7	17.7	15.4	16.6	16.4	15.8	15.7	17.7	15.4	16.6	16.4	15.8	15.7	17.7	15.4
unfinished industrial production and internal-ly produced semimanufactures	2.9	2.6	3.9	4.9	4.2	4.2	3.2	3.0	4.2	5.0	4.3	4.3	3.2	3.0	4.2	5.0	4.3	4.3	3.2	3.0
unfinished agricultural production	14.1	12.1	12.6	11.5	11.6	11.5	14.5	12.4	12.4	11.4	11.5	11.4	14.5	12.4	12.4	11.4	11.5	11.4	14.5	12.4
Expenditures of future periods	0.4	0.5	0.8	0.8	0.9	0.9	0.4	0.5	0.8	0.8	0.9	0.9	0.4	0.5	0.8	0.8	0.9	0.9	0.4	0.5
Finished production	2.7	1.9	1.7	1.9	1.9	1.9	2.3	1.6	1.5	1.7	1.7	1.7	2.3	1.6	1.5	1.7	1.7	1.7	2.3	1.6

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Structure of Working Capital in Reserves of Commodity Stocks
in Construction (Contracting Organizations)
(at end of the year; percent)

	1965	1970	1975	1976	1977	1978
Working capital in reserves of commodity stocks--total.	100	100	100	100	100	100
Production stocks	89.3	72.1	32.5	30.6	29.5	29.6
raw materials, basic materials and purchased semimanufactures.	63.0	53.2	23.8	22.7	22.0	22.1
auxiliary materials	12.3	8.3	3.8	3.6	3.4	3.5
tools, operating stock and other inexpensive and rapidly wearing items	13.6	10.5	4.8	4.3	4.0	3.9
other production stocks	0.4	0.1	0.1	--	0.1	0.1
Unfinished production and internally produced semimanufactures	8.3	27.4	67.3	69.2	70.2	70.1
unfinished industrial production and internally produced semimanufactures.	0.2	0.6	0.1	0.1	0.1	0.1
unfinished production on construction and installation operations	8.1	26.8	67.2	69.1	70.1	70.0
Expenditures of future periods.	2.4	0.5	0.2	0.2	0.3	0.3

Structure of Working Capital in Reserves of Commodity Stocks in Trade
(at end of the year; percent)

	1965	1970	1975	1976	1977	1978
Working capital in reserves of commodity stocks--total.	100	100	100	100	100	100
Production stocks	6.6	6.4	6.7	6.8	6.9	6.9
raw materials, basic material and purchased semimanufactures.	2.5	2.5	2.5	2.5	2.5	2.5
packaging and packaging materials	2.3	2.2	2.4	2.5	2.6	2.6
operating stock and other inexpensive and rapidly wearing items	1.8	1.7	1.8	1.8	1.8	1.8
Unfinished production and internally produced semimanufactures	0.1	0.1	0.3	0.3	0.3	0.3
Stocks and unfinished production of subsidiary agriculture.	0.4	0.5	0.3	0.4	0.5	0.4
Expenditures of future periods.	0.2	0.2	0.2	0.2	0.2	0.2
Goods	92.7	92.8	92.5	92.3	92.1	92.2

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Assets of Economic Stimulation Funds of Enterprises and Economic
Organizations by Sectors of the National Economy*
(assets used; millions of rubles)

	1965	1970	1975	1976	1977	1978
Total**	2595	15177	24903	25902	26760	28478
State enterprises and economic organizations	2559	15102	24335	25388	26232	27936
including of:						
industry	1363	10313	14478	15258	15845	17034
agriculture (excluding kolkhozes)	242	1100	2150	2157	2314	2388
transportation and communications	253	1616	2360	2335	2322	2460
construction	316	892	2228	2236	2159	2313
procurement	32	169	244	231	225	299
supply and marketing	101	304	803	694	825	817
trade	102	253	829	1003	1065	1143
municipal services	26	108	359	425	457	469
other sectors	124	347	884	1049	1020	1013
Consumer cooperatives	36	75	568	514	528	542

* Excluding the bonuses to workers, which were credited in accordance with the wage fund (billions of rubles): in 1970--4, in 1975--7, in 1976--8, in 1977--9, in 1978--10.

** Here and in the next three tables in connection with the change beginning in 1977 in the procedure of using the production development fund for the financing of capital investments the previously published data have been recalculated in accordance with a methodology which is comparable to 1977.

Assets of Economic Stimulation Funds of State Enterprises and Economic
Organizations by Types of Funds
(assets used; millions of rubles)

	1965	1970	1975	1976	1977	1978
Total	2559	15102	24335	25388	26232	27936
Funds formed by enterprises in conformity with the new conditions of planning and economic stimulation	--	11000	20175	21581	22423	23742
Funds of industrial enterprises for improvement of cultural and living conditions of workers, improvement of production and the corresponding funds of enterprises and organizations of other sectors*	1005	468	178	145	132	138
Fund of consumer goods made from production wastes	69	275	177	147	168	223

* For enterprises and organizations, which have not been converted to the new system of planning and economic stimulation.

/Table continued on following page/

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	1965	1970	1975	1976	1977	1978
Bonuses awarded to enterprises and organizations in accordance with socialist competition.	154	334	331	335	331	355
Bonuses to workers of construction projects and construction organizations for the placement into operation on time and early of construction projects and production capacities*. .	116	287	119	69	63	51
Deductions of up to 30 percent of the above-plan profit for construction of apartment houses*.	336	320	101	86	77	99
Assets for payment of bonuses to workers for the development and introduction of new equipment.	194	307	380	360	368	347
Fund for the expansion and strengthening of agriculture	179	585	933	907	863	974
Fund for the development of local industry	--	208	211	205	200	220
Other funds and special-purpose assets	506	1318	1730	1553	1607	1787

* For enterprises and organizations, which have not been converted to the new system of planning and economic stimulation.

Assets of Economic Stimulation Funds of Industrial Enterprises
(assets used; millions of rubles)

	1965	1970	1975	1976	1977	1978
Total.	1363	10313	14478	15258	15845	17034
Funds formed by enterprises in conformity with the new conditions of planning and economic stimulation. . .	--	8700	12832	13737	14254	15155
of them:						
material incentive fund.	--	3739	5663	5892	6111	6166
fund for sociocultural measures and housing construction	--	1620	1764	1875	1942	2174
production development fund.	--	3341	5405	5970	6201	6815
Fund of enterprise for improvement of cultural and living conditions of workers and improvement of production*	670	94	34	35	31	33
Fund of consumer goods made from production wastes.	68	274	176	147	168	220
Bonuses awarded to enterprises in accordance with socialist competition. .	114	205	203	210	210	221
Deductions of up to 30 percent of the above-plan profit for construction of apartment houses*.	183	37	18	10	12	12

* For enterprises and organizations, which have not been converted to the new system of planning and economic stimulation.

/Table continued on following page/

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	1965	1970	1975	1976	1977	1978
Assets for payment of bonuses to workers for the development and introduction of new equipment.	124	156	211	174	213	232
Fund for the development of local industry	--	208	211	205	200	220
Other funds and special-purpose assets	204	639	793	740	757	941

Assets of Economic Stimulation Funds of Construction Organizations*
(assets used; millions of rubles)

	1965	1970	1975	1976	1977	1978
Total.	316	892	2228	2236	2159	2313
Funds formed by organizations in conformity with the new conditions of planning and economic stimulations** .	--	25	1773	1836	1790	1905
Fund of the chief of construction and installation organizations***.	83	174	65	48	42	53
Bonuses awarded to organizations in accordance with socialist competition. Bonuses for the placement into operation on time and early of construction projects and production capacities***. .	21	58	54	52	51	54
Deductions of up to 30 percent of the above-plan profit for the construction of apartment houses***	114	280	106	87	58	45
Other funds and special-purpose assets	56	158	35	31	25	40
	42	197	195	182	193	216

* Contracting construction organizations and organizations, which perform work using their own resources.

** Including the bonuses for the placement into operation on time and early of construction projects and production capacities, which were included in the material incentive fund.

*** For organizations which have not been converted to the new system of planning and economic stimulation.

Amortization Deductions
(millions of rubles)

	1965	1970	1975	1976	1977	1978
Amortization charged						
All amortization deductions	18805	29105	49931	54206	58625	63184
including of:						
state enterprises and economic organizations	18587	28738	49350	53575	57956	62479

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	1965	1970	1975	1976	1977	1978
of them:						
industry	10182	15544	27328	29606	32051	34468
agriculture	1968	2985	5395	5977	6521	7081
transportation and communications	3638	5410	8699	9377	10006	10794
construction	1250	2313	3724	4040	4406	4772
procurement	167	228	352	371	388	408
supply and marketing	322	530	1012	1124	1221	1339
trade	284	443	765	817	868	925
municipal services	363	626	1192	1267	1411	1530
other sectors	413	659	883	996	1084	1162
consumer cooperatives	218	367	581	631	669	705
including for capital repair						
All amortization deductions	9575	14663	21046	22651	24370	26105
including of:						
state enterprises and economic						
organizations	9466	14475	20796	22388	24093	25813
of them:						
industry	4950	7559	11192	12065	13016	13940
agriculture	831	1252	1908	2081	2256	2431
transportation and communications	2251	3196	4489	4801	5084	5434
construction	709	1277	1650	1768	1922	2076
procurement	74	101	130	136	143	151
supply and marketing	145	270	404	444	484	522
trade	143	225	280	295	312	332
municipal services	192	320	435	460	511	532
other sectors	171	275	308	338	365	395
consumer cooperatives	109	188	250	263	277	292

USSR State Budget
(billions of rubles)

	1940	1965	1970	1975	1976	1977	1978
Revenues--total	18.0	102.3	156.7	218.8	232.2	247.8	265.8
including:							
turnover tax	10.6	38.7	49.4	66.6	70.7	74.6	84.1
payments of state enterprises							
and organizations from profit	2.2	30.9	54.2	69.7	70.6	78.4	78.6
of them:							
fee for productive capital							
and working capital for							
which standard rates are							
laid down	--	--	13.7	22.6	23.7	25.4	26.6
payment of the net surplus							
of the profit	--	--	24.8	33.0	33.4	38.8	38.0
fixed (rent) payments	--	--	2.5	2.4	2.3	2.3	1.1
profit withholding tax and							
other payments	2.2	30.9	13.2	11.7	11.2	11.9	12.9

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	1940	1965	1970	1975	1976	1977	1978
income tax from cooperatives, kolkhozes and enterprises of public organizations.	0.3	1.5	1.2	1.5	1.5	1.6	1.6
state loans floated among the population.	0.9	0.2	0.5	0.6	0.6	0.6	0.6
state taxes from the population	0.9	7.7	12.7	18.4	19.6	20.8	22.1
assets of state social insur- ance.	0.9	5.6	8.3	11.3	12.2	12.4	13.1
Of the total amount of revenues, those received from state and co- operative enterprises and organ- izations.	16.0	93.9	142.9	199.1	211.3	225.7	242.3
Expenditures--total	17.4	101.6	154.6	214.5	226.7	242.8	260.2
including:							
on the national economy	5.8	44.9	74.6	110.7	118.5	129.8	141.3
on sociocultural measures and science	4.1	38.2	55.9	77.1	80.7	84.3	89.1
of them:							
education and science	2.3	17.5	24.8	32.8	33.8	35.1	36.9
health and physical culture	0.9	6.7	9.3	11.5	11.8	12.5	13.5
social security	0.3	9.1	12.7	18.2	19.2	20.2	21.4
of them at the expense of							
state social insurance.	0.2	6.5	9.8	14.3	15.2	16.1	17.2
state social insurance.	0.5	4.0	7.3	11.8	12.7	13.3	14.0
state grants to mothers with many children and single mothers	0.1	0.5	0.4	0.4	0.4	0.4	0.4
assets transferred to the centralized union fund of social security of kolkhoz farmers	--	0.4	1.4	2.4	2.8	2.8	2.9
for defense	5.7	12.8	17.9	17.4	17.4	17.2	17.2
for administration.	0.7	1.3	1.7	2.0	2.1	2.2	2.3

Structure of Revenues and Expenditures of the USSR State Budget
(percent of total)

	1940	1965	1970	1975	1976	1977	1978
Revenues--total.	100	100	100	100	100	100	100
including:							
turnover tax	58.7	37.8	31.5	30.4	30.4	30.1	31.6
payments of state enterprises and organizations from profit.	12.1	30.2	34.6	31.9	30.4	31.6	29.6

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	1940	1965	1970	1975	1976	1977	1978
of them:							
fee for production capital and working capital for which standard rates are laid down. -- --			8.7	10.3	10.2	10.2	10.0
payments of the net surplus of the profit -- --			15.8	15.1	14.4	15.7	14.3
fixed (rent) payments -- --			1.7	1.1	1.0	0.9	0.4
profit withholding tax and other payments. 12.1	30.2	8.4	5.4	4.8	4.8	4.9	
income tax from cooperatives, kolkhozes and enterprises of public organizations. 1.8	1.5	0.8	0.7	0.6	0.6	0.6	
state loans floated among the population. 5.1	0.2	0.3	0.3	0.2	0.3	0.2	
state taxes from the population 5.2	7.5	8.1	8.4	8.5	8.4	8.3	
assets of state social insur- ance. 4.8	5.5	5.3	5.1	5.2	5.0	4.9	
Of the total amount of revenues, those received from state and co- operative enterprises and organ- izations. 88.8	91.8	91.2	91.0	91.0	91.1	91.2	
Expenditures--total 100	100	100	100	100	100	100	
including:							
on the national economy 33.5	44.2	48.2	51.6	52.3	53.5	54.3	
on sociocultural measures and science 23.5	37.6	36.2	35.9	35.6	34.7	34.2	
of them:							
education and science 12.9	17.2	16.0	15.3	14.9	14.5	14.2	
health and physical culture. 5.2	6.6	6.1	5.3	5.2	5.1	5.2	
social security 1.8	8.9	8.2	8.5	8.5	8.3	8.2	
of them at the expense of							
state social insurance. . . . 1.1	6.4	6.3	6.7	6.7	6.7	6.6	
state social insurance. . . . 2.9	4.0	4.7	5.5	5.6	5.5	5.4	
state grants to mothers with many children and single mothers 0.7	0.5	0.3	0.2	0.2	0.1	0.1	
assets transferred to the centralized union fund of social security of kolkhoz farmers --	0.4	0.9	1.1	1.2	1.2	1.1	
for defense 32.6	12.6	11.5	8.1	7.7	7.1	6.6	
for administration. 3.9	1.3	1.1	0.9	0.9	0.9	0.9	

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Structure of Expenditures of the USSR State Budget by Types of Budgets

	1940	1965	1970	1975	1976	1977	1978
Billions of rubles							
Expenditures of the state budget--							
total.	17.4	101.6	154.6	214.5	226.7	242.8	260.2
Of union budget (excluding as-							
sets transferred to union re-							
publics)	13.2	43.2	80.6	109.7	119.8	126.2	132.4
Of budgets of union republics.	4.2	58.4	74.0	104.8	106.9	116.6	127.8
Percent							
Expenditures of the state budget--							
total.	100	100	100	100	100	100	100
Of union budget.	75.8	42.5	52.1	51.1	52.8	52.0	50.9
Of budgets of union republics.	24.2	57.5	47.9	48.9	47.2	48.0	49.1

Expenditures on Sociocultural Measures and Science
From the State Budget and Other Sources
(billions of rubles)

	1940	1965	1970	1975	1976	1977	1978
Expenditures on sociocultural							
measures and science--total. . .	4.7	45.3	69.8	97.6	101.8	106.2	112.0
including:							
on education	2.4	16.1	23.5	31.0	32.2	33.6	35.1
of them:							
instruction.	2.0	14.1	19.8	26.2	27.2	28.2	29.5
cultural and educational							
work and art	0.4	2.0	3.7	4.8	5.0	5.4	5.6
on science	0.3	6.9	11.7	17.4	17.7	18.3	19.3
on health and physical culture	1.1	7.9	11.8	14.6	15.2	16.1	17.3
on social security and social							
insurance.	0.9	14.4	22.8	34.6	36.7	38.2	40.3
of them pensions	0.3	10.6	16.2	24.4	25.7	27.1	28.9

The expenditures on sociocultural measures and science (including the expenditures on capital investments) are made from the assets of the state budget, state, cooperative, trade union and other public enterprises and organizations, as well as from the assets of kolkhozes. In 1978 they were more than 26 percent of the USSR national income.

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Expenditures on Sociocultural Measures and Science
for the USSR State Budget
(millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
Expenditures on sociocultural measures and science--total. . .	4090	38165	55941	77044	80742	84272	89053
On education and science--total.	2249	17510	24769	32788	33791	35116	36928
excluding capital investments.	2180	16505	23479	31008	31924	33210	35013
of them:							
generation education and training of children and adolescents, general educational work among adults . . .	1159	8314	10749	13854	14283	14722	15326
including:							
kindergartens.	105	1695	2600	3513	3713	3979	4277
children's homes and boarding schools with a special routine*	99	363	411	525	549	585	605
general educational schools of all types	860	5778	6953	8628	8766	8828	8995
cultural and educational work training of personnel.	77	424	703	982	1035	1139	1252
of them:							
higher educational institutions.	273	1483	2188	2972	3108	3266	3449
tekhnikums, institutions and schools for training personnel of intermediate skill.	189	829	1221	1790	1848	1917	1974
vocational and technical education.	...	840	1313	2092	2254	2365	2496
printing	35	85	120	143	146	145	151
art and radio broadcasting	57	305	628	1116	1176	1281	1399
science.	105	4126	6425	7893	7897	8189	8777
On health and physical culture--total.	903	6669	9284	11470	11853	12464	13492
excluding capital investments.	888	6426	8785	10823	11209	11761	12730
of them:							
treatment and preventive institutions	745	6002	8156	10020	10358	10855	11755
public health and preventive institutions	79	256	398	474	488	512	545
physical culture	7	38	47	67	69	80	88

* Boarding schools for mentally retarded and physically handicapped children belong to the boarding schools with a special routine.

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	1940	1965	1970	1975	1976	1977	1978
On social security--total. . . .	314	9050	12738	18166	19213	20177	21410
including at the expense of							
state social insurance	198	6504	9773	14338	15244	16146	17181
On state social insurance. . . .	501	4037	7335	11849	12748	13330	13998
On state grants to mothers with							
many children and single mothers	123	462	435	389	371	355	340
Assets transferred to the central-							
ized union fund of social security							
of kolkhoz farmers	--	437	1380	2382	2766	2830	2885

Expenditures for the Budget of State Social Insurance
(millions of rubles)

	1950	1965	1970	1975	1976	1977	1978
Expenditures--total.	1867	10541	17107	26187	27992	29476	31179
Pensions*.	814	7407	11653	17761	18897	20133	21575
Grants*.	727	2587	4609	7214	7818	7985	8152
including:							
for temporary disability . . .	542	1963	3734	5082	5559	5729	5862
for pregnancy and birth, for							
items of care and feeding of							
a child.	176	616	866	1257	1344	1370	1431
for children of needy fami-							
lies**.	--	--	--	866	905	877	849
Health resort service of workers							
and employees and diet therapy .	185	364	551	794	856	914	987
Service of children (children's							
institutions, Pioneer camps,							
extrascholastic care of chil-							
dren).	96	136	191	255	265	280	294
Other expenditures	45	47	103	163	156	164	171

* The data on expenditures on pensions and grants from all sources are cited on page 368.

** Grants for children of needy families were introduced on 1 November 1974.

Extension of Credit by Banks to the National Economy and the Population
(balances of loans at end of the year; millions of rubles)

	1965	1970	1975	1976	1977	1978
All loans.	74030	126234	204044	227868	254037	274920
including:						
USSR State Bank.	69461	112599	177748	196124	213023	225649
All-Union Bank for Financing						
Capital Investments.	4569	13635	26296	31744	41014	49271

/Table continued on following page/

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	1965	1970	1975	1976	1977	1978
Short-term loans.	66690	104739	160715	177871	194245	206566
including:						
USSR State Bank	63379	96682	148001	162005	175203	182903
All-Union Bank for Financing						
Capital Investments	3311	8057	12714	15866	19042	23663
Long-term loans	7340	21495	43329	49997	59792	68354
including:						
USSR State Bank	6082	15917	29747	34119	37820	42746
All-Union Bank for Financing						
Capital Investments	1258	5578	13582	15878	21972	25608

Extension of Credit by Banks to Sectors of the National
Economy and the Population
(balances of loans at end of the year; millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
All loans.	6406	74030	126234	204044	227868	254037	274920
including:							
short-term loans	5574	66690	104739	160715	177871	194245	206566
of them to:							
industry	2129	22884	33880	48612	51938	56986	61000
agriculture.	199	4496	8632	25553	31988	38161	41000
including kolkhozes. . .	12	365	2452	10076	12075	14748	16356
transportation and com-							
munications.	74	480	1043	1550	1732	1832	2100
construction	45	3441	8774	15837	19420	22903	26000
supply and marketing . .	831	4314	8469	11724	12133	12998	13200
procurement.	694	5238	8326	8518	10846	9447	12200
trade.	1566	25465	34746	48178	49054	51017	50000
other sectors.	36	372	869	743	760	901	1066
long-term loans.	832	7340	21495	43329	49997	59792	68354
of them to:							
state, cooperative enter-							
prises and organizations	477	2641	10553	25006	28832	35668	40833
including:							
sovkhozes and other							
state agricultural							
enterprises.	--	--	469	5061	5726	6405	6916
housing construction							
cooperatives	--	627	2069	3104	3178	3255	3318
interfarm enterprises							
and organizations. . .	--	107	962	3597	4312	5152	5907
kolkhozes.	240	3890	10296	17789	20650	23592	26938
the population	115	809	646	534	515	532	583
including:							
urban.	41	242	135	81	72	65	61
rural.	74	567	511	453	443	467	522

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Extension of Short-Term Credit by Banks to the National
Economy by Types of Credits
(balances of loans at end of the year; millions of rubles)

	1950	1965	1970	1975	1976	1977	1978
Short-term loans--total. . .	5574	66690	104739	160715	177871	194245	206566
Against physical assets--							
total.	3423	51092	83566	117433	126520	138411	147000
production stocks.	1074	13287	24434	36088	37932	39949	43000
unfinished production. . . .	160	1489	2632	4259	5352	6470	7900
finished items	242	3448	3570	4241	3938	4306	4800
stocks of equipment in							
construction	10	1140	2888	4694	5996	7336	7523
goods.	1860	30035	46314	58479	61799	64932	64200
including:							
in trade	1124	21139	28755	35313	36443	37813	36200
at supply and marketing							
organizations.	425	2347	5306	7414	7719	8191	8800
at procurement organ-							
izations	243	4353	7441	7242	9454	8197	10700
other physical assets. . . .	77	1693	3728	9672	11503	15418	19577
For settlements (payment							
documents in transit and							
others).	1887	12141	16015	26170	26687	27363	29500
For other purposes	264	3457	5158	17112	24664	28471	30066

Extension of Credit by Banks to the National Economy and the Population
by Union Republics
(balances of loans at end of the year; millions of rubles)

	1950	1965	1970	1975	1976	1977	1978
USSR.	19315	74030	126234	204044	227868	254037	274920
RSFSR	11516	42740	71847	118246	132793	148437	160727
Ukrainian SSR	2295	12411	21211	31929	35713	39482	43081
Belorussian SSR	418	1864	3510	6363	7699	8726	9445
Uzbek SSR	932	3091	4958	7050	7799	8835	9892
Kazakh SSR.	561	4388	6888	11680	13780	15332	16016
Georgian SSR.	339	1239	2142	2780	2933	3370	3722
Azerbaijan SSR.	266	871	1667	2171	2379	2617	2800
Lithuanian SSR.	119	750	1626	2572	2614	3061	3199
Moldavian SSR	126	1029	1678	2911	3288	3576	3858
Latvian SSR	153	696	1244	1801	1962	2166	2344
Kirgiz SSR.	139	605	1182	1849	1916	2023	2199
Tadzhik SSR	226	604	965	1408	1469	1600	1755
Armenian SSR.	162	489	1111	1540	1663	1805	1937
Turkmen SSR	181	486	1014	1597	1636	1842	1812
Estonian SSR.	90	350	606	871	876	948	1050
Credits not broken down by							
republics	1792	2417	4585	9276	9348	10217	11083

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Extension of Long-Term Credit by USSR State Bank and All-Union
Bank for Financing Capital Investments for Expenditures on Retooling
and Renovation of Operating Enterprises in 1978

	Millions of rubles		Millions of rubles
Loans issued--total.	1442.1	Balance of loans (at end of the year)--total.	3436.6
including:		including:	
USSR State Bank.	238.2	USSR State Bank.	426.0
All-Union Bank for Financ- ing Capital Investments. . .	1203.9	All-Union Bank for Fi- nancing Capital Invest- ments.	3010.6

Extension of Long-Term Credit to Kolkhozes for Production Measures
(issuance of loans; millions of rubles)

	1940	1965	1970	1975	1976	1977	1978
Loans issued during the year--total.	87.3	1421.8	2183.2	3293.9	3774.6	4027.5	4482.9
For capital investments. . .	75.5	1384.7	2017.5	3293.9	3774.6	4027.5	4482.9
of them:							
for construction of live- stock facilities and mech- anization of farms	9.0	513.2	880.7	1737.6	1840.4	1791.3	1723.0
for electrification, in- stallation of radio, tele- phones and gas	1.3	91.1	69.7	33.3	33.1	34.9	39.7
for water management con- struction.	2.8	40.0	58.3	92.7	117.0	170.9	195.7
for construction of other production facilities. . .	--	84.2	176.3	342.2	435.7	479.2	562.4
for construction of chil- dren's institutions, bath houses and other construc- tion projects for cultural and general purposes . . .	--	--	143.6	93.9	110.0	112.9	114.5
for construction of apart- ment houses (public hous- ing)	--	--	70.9	144.0	178.6	228.3	278.3
for purchase of mature livestock and recovery of expenditures on transfer of young animals to the main herd.	40.6	60.0	85.6	134.5	194.7	239.6	337.2
for purchase of agricul- tural equipment, fishing ships and machinery for fishing, trucks and other vehicles	--	504.2	479.5	627.4	759.3	857.8	1114.4

/Table continued on following page/

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	1940	1965	1970	1975	1976	1977	1978
for other measures on capi-							
tal investments.	21.8	92.0	52.9	88.3	105.8	112.6	117.7
For guaranteed wage of kol-							
khoz farmers	--	37.1	165.7	--	--	--	--

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Extension of Long-Term Credit to Kolkhozes by Union Republics

	Loans issued during the year (millions of rubles)					Balances of loans at end of year				
	1940	1965	1970	1975	1978	1940	1965	1970	1975	1978
USSR.	87.3	1421.8	2183.2	3293.9	4482.9	240.3	3890.1	10296.4	17788.5	26938.4
RSFSR	43.1	839.7	1315.9	2111.8	3142.2	115.7	2305.2	6118.5	11290.4	17976.9
Ukrainian SSR	16.8	258.0	379.4	597.7	660.7	32.8	802.4	1875.3	3094.9	4419.5
Belorussian SSR	2.4	74.1	111.9	162.4	186.0	7.6	177.7	542.2	992.7	1325.5
Uzbek SSR	3.6	24.5	50.7	62.0	71.9	4.9	60.7	198.0	301.0	431.5
Kazakh SSR.	4.3	36.0	51.5	76.5	116.5	15.8	90.1	236.6	385.6	637.5
Georgian SSR.	9.6	25.2	34.8	22.8	31.5	41.6	56.9	191.7	111.9	173.5
Azerbaijan SSR.	2.7	19.2	32.9	26.3	24.9	8.4	41.9	144.4	129.5	136.6
Lithuanian SSR.	--	36.5	43.5	35.0	42.6	--	103.6	251.6	344.8	431.8
Moldavian SSR	0.2	28.3	25.6	56.2	49.8	0.6	68.8	162.2	311.1	382.6
Latvian SSR	--	27.6	42.4	49.9	62.3	--	72.9	190.5	292.3	411.2
Kirgiz SSR.	1.5	15.2	28.3	30.6	37.8	3.2	33.9	108.5	180.1	201.6
Tadzhik SSR	0.8	4.6	12.9	12.7	7.8	3.8	8.5	43.0	55.1	53.6
Armenian SSR.	1.6	6.9	24.2	17.2	17.9	4.7	13.1	83.1	92.5	116.9
Turkmen SSR	0.7	12.0	12.2	14.9	12.0	1.2	20.1	55.9	72.8	80.2
Estonian SSR.	--	14.0	17.0	17.9	19.0	--	34.3	94.9	133.8	159.5

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Extension of Credit by the All-Union Bank for Financing Capital Investments to Housing
Construction Cooperatives by Union Republics
(millions of rubles)

	Loans issued during the year					Loans repaid during the year					Balances of loans at end of the year				
	1965	1970	1975	1978	1975	1965	1970	1975	1978	1965	1970	1975	1978	1975	1978
USSR.	321.6	485.3	449.5	451.6	31.5	163.0	306.9	388.0	627.2	2068.5	3103.6	3318.3			
RSFSR	226.8	306.1	253.5	226.7	23.7	113.1	192.1	235.6	453.9	1388.0	1866.7	1873.0			
Ukrainian SSR	43.7	92.0	94.2	98.2	4.3	25.4	56.3	72.8	83.1	330.6	574.6	648.8			
Belorussian SSR	12.2	19.8	23.5	32.3	0.9	6.3	14.7	19.2	21.4	81.7	152.6	184.9			
Uzbek SSR	3.3	4.7	4.6	16.1	0.3	1.3	3.4	4.4	6.0	20.7	30.6	53.5			
Kazakh SSR.	6.5	9.7	9.4	10.1	0.5	2.3	4.9	6.3	10.2	42.5	72.8	83.2			
Georgian SSR.	6.0	10.0	12.5	14.3	0.3	2.3	6.1	9.2	10.8	40.2	93.4	109.2			
Azerbaijan SSR.	3.4	1.9	2.0	2.9	0.1	1.0	2.1	2.8	4.9	14.2	20.7	22.5			
Lithuanian SSR.	6.1	18.0	19.0	19.9	0.6	4.3	10.4	14.2	12.5	56.0	110.9	132.0			
Moldavian SSR	2.6	5.3	6.8	6.7	0.3	1.9	3.7	5.0	5.3	21.1	40.6	49.5			
Latvian SSR	4.3	5.1	8.0	6.9	0.4	1.9	4.4	5.3	7.2	25.0	42.5	48.4			
Kirgiz SSR.	0.9	2.5	1.8	1.8	--	0.6	1.6	2.3	1.9	9.0	17.1	18.8			
Tadzhik SSR.	0.4	1.8	2.4	3.4	--	0.4	1.1	1.6	1.0	5.3	13.3	16.1			
Armenian SSR.	3.9	4.1	5.8	5.9	--	0.9	3.0	5.0	6.0	19.4	34.7	38.5			
Turkmen SSR.	--	0.2	0.7	0.3	--	0.1	0.2	0.3	0.05	0.7	2.3	2.5			
Estonian SSR.	1.5	4.1	5.3	6.1	0.1	1.2	2.9	4.0	3.0	14.1	30.8	37.4			

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USSR FOREIGN ECONOMIC CONTACTS

USSR Foreign Trade Turnover
(in prices of corresponding years; with conversion of foreign currency
into rubles at exchange rate set by the USSR State Bank on the basis
of the gold content of a ruble, which is equal to 0.987412 g of pure gold;
millions of rubles)

Years	Exports	Imports	Turnover
1913*	1192	1078	2270
1940	240	245	485
1946	588	692	1280
1950	1615	1310	2925
1955	3084	2754	5838
1960	5007	5066	10073
1965	7359	7252	14611
1970	11520	10559	22079
1975	24034	26670	50704
1976	28022	28733	56755
1977	33255	30093	63348
1978	35668	34556	70224

* For the territory within the boundaries of the former Russian Empire.

Development of USSR Foreign Trade Contacts
(millions of rubles)

	1950	1965	1970	1975	1976	1977	1978
Total foreign trade volume. . . .	2925	14611	22079	50704	56755	63348	70224
including with the countries:							
socialist	2373	10051	14403	28551	31552	36272	41998
of them with CEMA member							
countries	1679	8474	12284	26248	28820	33247	39092
developed capitalist.	440	2816	4694	15844	18658	18742	19680
developing.	112	1744	2982	6309	6545	8334	8546

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	1950	1965	1970	1975	1976	1977	1978
Exports.	1615	7359	11520	24034	28022	33255	35668
including to the countries:							
socialist.	1350	5002	7530	14584	16448	19101	21254
of them to CEMA member							
countries.	900	4213	6261	13363	14933	17452	19794
developed capitalist	236	1347	2154	6140	7834	8817	8699
developing	29	1010	1836	3310	3740	5337	5715
Imports.	1310	7252	10559	26670	28733	30093	34556
including from the countries:							
socialist.	1023	5049	6873	13967	15104	17171	20744
of them from CEMA member							
countries.	779	4261	6023	12885	13887	15795	19298
developed capitalist	204	1469	2540	9704	10824	9925	10981
developing	83	734	1146	2999	2805	2997	2831

At present the Soviet Union maintains trade relations with 125 countries of the world, while during the first postwar years there were about 40 of them. In 1978 60 percent of the USSR foreign trade turnover fell to socialist countries. USSR foreign economic contacts with CEMA member countries are developing rapidly.

USSR Trade With Some Countries
(in prices of corresponding years; millions of rubles)

Countries	Foreign trade turnover			Exports			Imports		
	1970	1975	1978	1970	1975	1978	1970	1975	1978
Bulgaria.	1817	3991	6142	844	2060	3145	973	1931	2997
Hungary	1480	3274	4826	758	1658	2396	722	1616	2430
Vietnam	183	207	458	166	159	306	17	48	152
German Democratic Republic.	3295	5623	7693	1738	2980	3982	1557	2643	3711
Cuba.	1045	2589	4169	580	1141	1947	465	1448	2222
Mongolian People's Republic	231	480	743	178	355	596	53	125	147
Poland.	2350	4853	7050	1215	2447	3450	1135	2406	3600
Romania	919	1526	1950	445	702	971	474	824	979
Czechoslovakia.	2193	3911	6061	1083	2019	3002	1110	1892	3059
Yugoslavia.	520	1558	2178	294	782	1108	226	776	1070
Austria	155	445	643	67	218	371	88	227	272
Belgium	149	530	665	74	244	408	75	286	257
Great Britain	641	959	1525	418	591	857	223	368	668
Italy	472	1427	1971	191	638	1112	281	789	859
Canada.	125	471	388	7	32	29	118	439	359
Netherlands	223	451	462	151	304	300	72	147	162
United States	161	1600	1852	58	138	253	103	1462	1599
Federal Republic of Germany	544	2777	3304	223	858	1363	321	1919	1941
Finland	531	1755	2190	258	918	1004	273	837	1186

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Countries	Foreign trade turnover			Exports			Imports		
	1970	1975	1978	1970	1975	1978	1970	1975	1978
France.	413	1297	1814	126	496	840	287	801	974
Sweden.	235	545	495	105	289	312	130	256	183
Japan	652	1922	2320	341	669	736	311	1253	1584
Algeria	118	247	140	62	112	88	56	135	52
Argentina	30	304	331	2	11	22	28	293	309
Afghanistan	67	132	215	36	68	139	31	64	76
Brazil.	23	396	165	2	93	35	21	303	130
Egypt	606	710	346	327	262	148	279	448	198
India	365	686	771	122	292	364	243	394	407
Iraq.	64	600	1084	60	274	674	4	326	410
Iran.	231	510	671	169	282	433	62	228	238
Turkey.	83	95	158	56	38	89	27	57	69

Increase of Foreign Trade Volume
(in comparable prices; 1950 = 1)

	1950	1965	1970	1975	1976	1977	1978
Total.	1	5	7	10	11	12	13
including with the countries:							
socialist.	1	4	6	8	8	9	10
of them with CEMA member							
countries.	1	5	7	10	11	12	13
developed capitalist	1	6	10	20	24	23	26
developing	1	14	22	35	35	39	42

Export of Equipment and Materials for Projects Being Built
Abroad With USSR Technical Assistance
(millions of rubles)

	1965	1970	1975	1976	1977	1978
Total.	552	860	1290	1504	1816	2036
including to the countries:						
socialist.	290	492	819	1002	1249	1376
of them to CEMA member countries	224	315	677	855	1081	1256
developed capitalist	6	8	50	28	7	19
developing	256	360	421	474	560	641

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Structure of USSR Exports and Imports (Including Reexports)
(percent)

	1913	1940	1950	1965	1970	1975	1976	1977	1978
Exports.	100	100	100	100	100	100	100	100	100
including:									
machinery, equipment and									
vehicles	0.3	2.0	12.3	20.0	21.5	18.7	19.4	18.8	19.6
fuel and electric power. . .	3.5	13.2	3.9	17.2	15.6	31.4	34.3	35.1	35.6
ores and concentrates, metals									
and items made from them . .	2.8	4.1	10.8	21.6	19.6	14.3	13.2	11.1	10.3
chemical products, fertil-									
izers, rubber.	1.2	3.0	4.0	3.6	3.5	3.5	3.0	2.8	3.0
timber and pulp and paper									
items.	10.9	6.4	3.1	7.3	6.5	5.7	5.3	5.1	4.5
textile raw materials and									
semimanufactures	8.9	18.1	11.2	5.1	3.4	2.9	2.9	3.2	2.5
foodstuffs and raw materials									
for their production	54.7	27.7	21.1	8.4	8.4	4.8	3.0	3.1	2.2
industrial consumer goods. .	4.7	7.8	4.9	2.4	2.7	3.1	3.0	2.7	3.1
Imports.	100	100	100	100	100	100	100	100	100
including:									
machinery, equipment and									
vehicles	16.6	32.4	22.4	33.4	35.5	33.9	36.3	38.1	42.0
fuel and electric power. . .	7.1	6.5	11.8	2.5	2.0	3.9	3.6	3.6	3.7
ores and concentrates, metals									
and items made from them . .	6.9	26.6	14.1	9.8	9.6	11.6	10.8	9.3	9.7
chemical products, fertil-									
izers, rubber.	7.9	4.3	6.9	6.2	5.7	4.7	4.3	4.4	4.1
timber and pulp and paper									
items.	3.3	2.6	3.8	1.9	2.1	2.2	1.8	1.8	1.5
textile raw materials and									
semimanufactures	18.3	6.7	7.8	4.4	4.8	2.4	2.3	2.6	2.0
foodstuffs and raw materials									
for their production	21.2	14.9	19.7	20.2	15.9	23.0	22.8	20.8	19.2
industrial consumer goods. .	10.3	1.4	7.4	14.2	18.3	12.9	12.6	12.9	11.8

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Number of Enterprises, Structures and Other Projects, Which Were
Built in the Postwar Period, Are Being Built and Are Liable to Be Built
Abroad in Accordance With Interstate Agreements With USSR
Technical Assistance, on 1 January 1979

	Total in accord- ance with agree- ments	including those put into opera- tion
Total.	3842	2313
including:		
in socialist countries	2758	1697
of them:		
Bulgaria	307	183
Hungary.	129	81
Vietnam.	267	187
German Democratic Republic.	90	28
Cuba	424	170
Mongolian People's Republic.	610	368
Poland	215	126
Romania.	159	113
Czechoslovakia	41	28
Albania.	45	45
China.	256	256
Democratic People's Republic of Korea.	70	57
Laos	23	2
Yugoslavia	122	53
in developing countries.	1069	606
of them:		
Algeria.	100	58
Afghanistan.	119	71
Bangladesh	16	11
Burma.	7	7
Guinea	31	24
Egypt.	107	92
India.	74	53
Iraq	102	54
Iran	118	66
Yemen Arab Republic.	11	11
Mali	14	12
Morocco.	6	4
People's Democratic Republic of Yemen.	28	11
Nepal.	8	6
Pakistan	13	7
Syria.	55	26
Somali	36	16
Sudan.	15	8
Turkey	16	6
Sri Lanka.	10	9
Ethiopia	25	4

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Number of Enterprises, Structures and Other Projects, Which Were
Built in the Postwar Period, Are Being Built and Are Liable to Be Built
Abroad With USSR Technical Assistance, by Sectors of the Economy
on 1 January 1979

	Total		including in the countries			
	in accordance with agreements	including those put into operation	socialist		developing	
			in accordance with agreements	including those put into operation	in accordance with agreements	including those put into operation
All enterprises.	3842	2313	2758	1697	1069	606
of them by sectors of the economy:						
industry	2215	1434	1743	1170	463	259
electric power	379	258	275	203	96	51
ferrous metallurgy	103	68	81	54	21	13
nonferrous metallurgy. . .	137	87	120	80	17	7
coal industry.	96	66	72	55	24	11
petroleum refining and petrochemical industry . .	93	53	83	44	10	9
chemical industry.	132	79	122	74	10	5
machine building and metalworking	293	217	244	173	49	44
construction materials industry	252	96	218	85	34	11
light industry	76	45	50	35	26	10
food industry.	295	205	233	181	62	24
milling, groats and mixed fodder industry. . .	125	85	59	43	66	42
agriculture.	461	241	306	166	155	75
transportation and commu- nications.	399	268	294	200	100	63
education, culture, health, sports structures.	510	219	265	75	245	144
housing and municipal services	77	48	65	39	12	9

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Capacities of Enterprises, Which Were Built in the Postwar Period,
Are Being Built and Are Liable to Be Built Abroad With USSR
Technical Assistance, on 1 January 1979

	Capaci- ties of enter- prises	including in the countries		
		social- ist	of them in CEMA member countries	devel- oping
Electric power stations (installed capacity), mil- lions of kW				
according to agreements. .	77.3	61.2	49.0	12.8
including those put into operation.	40.2	33.1	23.6	6.3
Pig iron, millions of tons				
according to agreements. .	50.0	30.5	13.3	17.9
including those put into operation.	30.4	21.3	11.6	7.5
Steel, millions of tons				
according to agreements. .	65.9	44.5	25.5	19.6
including those put into operation.	35.6	26.3	15.0	7.6
Rolled ferrous metal prod- ucts, millions of tons				
according to agreements. .	53.8	40.5	30.3	13.3
including those put into operation.	33.3	28.4	20.9	4.9
Iron ore (mining), millions of tons				
according to agreements. .	36.7	22.7	6.2	14.0
including those put into operation.	21.2	12.0	4.8	9.2
Petroleum (refining), mil- lions of tons				
according to agreements. .	78.3	60.7	51.8	17.6
including those put into operation.	47.3	35.7	32.3	11.6
Coal (mining), millions of tons				
according to agreements. .	84.8	63.3	27.9	21.5
including those put into operation.	34.7	31.4	7.8	3.3
Coke, millions of tons				
according to agreements. .	27.7	14.6	9.6	13.1
including those put into operation.	17.3	10.9	9.6	6.4
Machine tools, thousands				
according to agreements. .	6.0	4.4	0.7	1.6
including those put into operation.	4.4	3.7	--	0.7

/Table continued on following page/

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	Capaci- ties of enter- prises	including in the countries		
		social- ist	of them in CEMA member countries	devel- oping
Metallurgical, mining, forge and press, materials-handling equipment, thousands				
according to agreements. .	235	80	--	155
including those put into operation.	235	80	--	155
Tractors, thousands				
according to agreements. .	82	72	30	10
including those put into operation.	82	72	30	10
Mineral fertilizers, thou- sands of tons				
according to agreements. .	3277	2872	2562	405
including those put into operation.	2397	2292	2032	105
Sulfuric acid, thousands of tons				
according to agreements. .	1561	1441	1191	120
including those put into operation.	1521	1401	1151	120
Soda ash, thousands of tons				
according to agreements. .	1990	1990	1990	--
including those put into operation.	1770	1770	1770	--
Synthetic rubber, thousands of tons				
according to agreements. .	321	321	306	--
including those put into operation.	176	176	161	--
Cement, millions of tons				
according to agreements. .	19.9	16.6	15.3	3.3
including those put into operation.	6.1	6.0	5.3	0.1
Cotton fabrics, millions of running m				
according to agreements. .	315.0	184.5	101.0	130.5
including those put into operation.	135.0	104.5	21.0	30.5

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TERRITORY AND SIZE OF THE POPULATION OF THE COUNTRIES OF THE WORLD

Territory and Size of the Population of the World in Mid-1978

	Territory, millions of km ²	Size of population, millions (estimate)
Entire world.	135.8	4258
Europe.	10.5	674
Asia.	44.4	2530
Africa.	30.3	440
America	42.1	591
including:		
North and Central America	24.3	358
South America	17.8	233
Australia and Oceania	8.5	23

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Territory and Size of the Population of the Countries of the World*

States and territories	Area, thousands of km ²	Size of population		Name of capital, main city, administrative center	Size of population	
		year	thousands		year	thousands
USSR.	22402.2**	On 17 January 1979	262442***	Moscow with suburbs	On 17 January 1979	8011
Europe						
European part of the USSR	5571	On 17 January 1979	193261			
Republic of Austria . . .	83.8	1978	7510	Vienna	1976	1593
People's Socialist Republic of Albania.	28.7	End of 1976	2459	Tirana	1970	200
Principality of Andorra .	0.5	1977	20	Andorra	1950	1
Kingdom of Belgium. . . .	30.5	1977	9830	Brussels with suburbs	End of 1976	1042
People's Republic of Bulgaria.	110.9	End of 1977	8823	Sofia	End of 1978	1032
State of the Vatican City	0.0004	1975	0.7			
United Kingdom of Great Britain and Northern Ireland.	244	1977	55919	London with suburbs	1976	7028
Hungarian People's Republic	93	End of 1978	10699	Budapest	End of 1978	2093
German Democratic Republic	108.2	End of 1978	16751	Berlin	End of 1978	1129
West Berlin***	0.5	1977	1938			
Federal Republic of Germany	248	1977	59504	Bonn	1 January 1977	285

* According to the latest available data.

** Including the area of the White Sea--90,000 km², and the Sea of Azov--37,300 km², which are not included in the territory of individual republics.

*** The size of the USSR population on 1 July 1979 was 263.4 million.

**** Has a special status.

/Table continued on following page/

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States and territories	Area, thousands of km ²	Size of population		Name of capital, main city, administrative center	Size of population	
		year	thousands		year	thousands
Gibraltar ¹	0.006	1977	30			
Hellenic Republic (including Sporades Islands)	132	1977	9280	Athens	14 March 1971	867
Kingdom of Denmark	44.5	1978	5150	Copenhagen	1976	699
Kingdom of Denmark including Faeroe Islands	1.4	1978	40	Torshavn	16 February 1970	10.7
Ireland	70	1977	3190	Dublin	18 April 1971	566
Republic of Iceland	103	1977	220	Reykjavik	1976	85
Spanish State (including Balearic and Canary islands, as well as Spanish possessions in North Africa: Ceuta, Melilla and others)	505	1978	37110	Madrid with suburbs	1974	3520
Italian Republic	301	1978	56697	Rome	End of 1976	2884
Principality of Liechtenstein	0.2	1977	20	Vaduz	1975	4.5
Grand Duchy of Luxembourg	2.6	1977	360	Luxembourg	End of 1975	78
Republic of Malta	0.3	1978	340	Valletta	1976	14.1
Principality of Monaco	0.001	1977	30	Monaco	End of 1973	23.9
Kingdom of the Netherlands	41	1978	13940	Amsterdam	1976	745
Kingdom of Norway including Spitsbergen and Jan Mayen (islands)	387	1977	4040	Oslo	1976	463
Polish People's Republic	62	End of 1970	3	Longyearbyen		
	312.7	End of 1978	35049	Warsaw	End of 1978	1552

/Table continued on following page/

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States and territories	Area, thousands of km ²	Size of population		Name of capital, main city, administrative center	Size of population	
		year	thousands		year	thousands
Portuguese Republic (including Azores and Madeira islands)	92	1976	9730	Lisbon	1 July 1975	830
Socialist Republic of Romania	237.5	End of 1978	21953	Bucharest	End of 1978	1858
Most Serene Republic of San Marino	0.06	1977	20	San Marino	End of 1976	4.6
Republic of Finland	337	1978	4760	Helsinki	1974	496
French Republic	549	1978	53302	Paris with suburbs	1975	9863
Czechoslovak Socialist Republic	127.9	End of 1978	15184	Prague	End of 1978	1189
Swiss Confederation	41	1977	6330	Bern	Beginning of 1976	150
Kingdom of Sweden	450	1977	8260	Stockholm	End of 1976	661
Socialist Federal Republic of Yugoslavia	255.8	End of 1978	22074	Belgrade with suburbs	31 March 1971	1209
Asia						
Asiatic part of the USSR . .	16831	On 17 January 1979	69181			
Ao-men (Macao) ²	0.02	1977	280	Ao-men (Macao)	15 December 1970	241
Democratic Republic of Afghanistan	647	1977	17450*	Kabul with suburbs	1975	749
State of Bahrain	0.6	1978	340	Manama	3 April 1971	89
Socialist Republic of the Union of Burma	678	1978	32210	Rangoon with suburbs	1973	2055
Sultanate of Brunei ¹	5.8	1977	190	Bandar Seri Begawan with suburbs	1976	75

* Refined data. /Table continued on following page/

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States and territories	Area, thou- sands of km ²	Size of popu- lation year	Name of capi- tal, main city, administrative center	Size of population	
				thousands	year
Kingdom of Bhutan.	47	1976	Thimphu	1200	
Socialist Republic of Vietnam	329.6	1977	Hanoi	50413	1977
State of Israel.	14*	1978	with suburbs Tel Aviv	3690	End of 1975
Republic of India.	3288	1978	Delhi (in- cluding New Del- hi) with suburbs	638990	1 April 1975
Republic of Indonesia.	2027**	1977	Jakarta	143280	End of 1973
Hashemite Kingdom of Jordan.	98	1976	Amman	2780	1976
Republic of Iraq.	435	1978	Baghdad	12330	1976
Islamic Republic of Iran . .	1648	1978	Tehran	35210	1975
Yemen Arab Republic.	195	1977	San'a	7080	1975
Democratic Kampuchea	181	1977	Phnom Penh	8610	1962
State of Qatar	11	1976	Doha	184	1975
Republic of Cyprus	9	1977	Nicosia with suburbs	640	1973
People's Republic of China .	9597	End of 1957	Beijing	656630	End of 1957
Korea.	221***	1977		53090	
including: Democratic People's Repub- lic of Korea	121.2	1977	Pyongyang	16650	1970
Republic of Korea.	98.4	1978	Seoul	37020	1975

* Excluding 6,700 km², which were occupied by Israel during the 1948 Israeli-Arab war.

** Including Irian Jaya.

*** Including the demarcation zone with an area of 1,300 km².

/Table continued on following page/

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States and territories	Area, thou- sands of km ²	Size of population year	Name of capi- tal, main city, administrative center	Size of population year	Size of population thousands
State of Kuwait.	18	1978	Kuwait	19 April 1970	80
Lao People's Democratic Re- public	236.8	1977	Vientiane	1973	177
Republic of Lebanon.	10.4	1977	Beirut	1972	800
Malaysia	330	1977	Kuala Lumpur	August 1970	452
Republic of Maldives	0.3	1977	Male	1974	16
Mongolian People's Republic. People's Democratic Republic of Yemen	1565	End of 1978	Ulaanbaatar	End of 1978	403
People's Republic of Bangla- desh	333	1978	Aden	1977	272
Kingdom of Nepal	144	1978	Dacca	1974	1730
United Arab Emirates	141	1977	with suburbs	1971	150
Islamic Republic of Pakistan	83.6	1977	Kathmandu	1975	125
Democratic Socialist Repub- lic of Sri Lanka	804	1977	Abu Dhabi	September 1972	235
Kingdom of Saudi Arabia.	66	1977	Islamabad	1974	592
Republic of Singapore.	2150	1977	Colombo	1976	667
Syrian Arab Republic	0.6	1978	Riyadh	1977	2308
Sultanate of Oman.	185	1978	Singapore	1977	1097
Hong Kong ¹	212	1977	Damascus	1977	25
Kingdom of Thailand.	1	1978	Muscat	1970	996
East Timor	514	1978	with suburbs	1971	4178
Republic of Turkey	14.9	1977	Hong Kong	1975	11
Republic of the Philippines.	781	1978	Bangkok	1974	1699
Japan.	300	1978	Dili	1975	1438
	372	1978	Ankara*	1975	11684
			Manila*	1 October 1976	
			Tokyo		
			with suburbs		

* The actual capital of the Philippines. The official capital is Quezon City, the size of the population of which in 1975 was 995,000.
/Table continued on following page/

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States and territories	Area, thou- sands of km ²	Size of year	Size of population		Name of capi- tal, main city, administrative center	Size of population	
			year	thousands		year	thousands
Africa							
Democratic and Popular Re- public of Algeria.	2382	1978	18510		Algiers	1967	943
People's Republic of Angola. .	1247	1972	5800		Luanda with suburbs	15 December 1972	481
Arab Republic of Egypt	1001*	1977	38740		Cairo	1975	5921
Socialist People's Libyan Arab Jamahiriya	1760	1976	2533		Tripoli	1972	440
Gabonese Republic.	268	1977	530		Libreville with suburbs	1974	74
Republic of The Gambia	11.3	1978	570		Banjul	1977	44
Popular and Revolutionary Re- public of Guinea	246	1977	4650		Conakry with suburbs	December 1972	526
Republic of Guinea-Bissau. . .	36	1977	540		Bissau with suburbs	1971	65
Mauritius.	2	1978	900		Port Louis	1976	139
Democratic Republic of the Sudan.	2506	1977	16950		Khartoum	1973	322
Islamic Republic of Mauritania	1031	1975	1320		Nouakchott	1976	135
Spanish Sahara	266	1976	130		El Aaiun Moroni	1974	28
Comoros Federal Islamic Re- public	2.2	1977	370		with suburbs	1976	14
Kingdom of Morocco	447	1977	18240		Rabat with suburbs	1973	597
Kingdom of Lesotho	30	1975	1040		Maseru	1975	20
Democratic Republic of Mada- gascar	587	1977	8520		Antananarivo	1972	367
People's Republic of Mozam- bique.	783	1977	9680		Maputo with suburbs	1970	384

*The populated portion of the territory is about 36,000 km².

/Table continued on following page/

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States and territories	Area, thousands of km ²	Size of population		Name of capital, main city, administrative center	Size of population	
		year	thousands		year	thousands
Namibia*	824	1975	880	Windhoek with suburbs	1970	64.7
People's Republic of the Congo	342	1977	1440	Brazzaville with suburbs	1974	290
United Republic of Cameroon.	475	1977	7910	Yaounde with suburbs	1975	274
United Republic of Tanzania.	945	1978	16550	Dar es Salaam	1975	517
Saint Helensl.	0.1	1975	5	Jamestown	1976	1.5
Republic of Cape Verde	4	1977	310	Praia with suburbs	1974	21
Republic of Ivory Coast.	322	1977	5150	Abidjan with suburbs	1976	900
Republic of Botswana	600	1978	720	Gaborone	1975	33
Republic of Burundi.	27.8	1977	3970	Bujumbura with suburbs	1974	100
Republic of Upper Volta.	274	1977	6320	Ouagadougou	1975	169
Republic of Ghana.	239	1977	10480	Accra	1970	564
People's Republic of Benin.	113	1978	3380	Porto Novo	1975	104
Republic of Zaire.	2345	1978	27750	Kinshasa	1974	2008
Republic of Zambia	753	1978	5470	Lusaka with suburbs	July 1972	448
Republic of Kenya.	583	1978	14860	Nairobi with suburbs	1977	776
Republic of Liberia.	111	1977	1800	Monrovia	1974	172
Republic of Malawi	118	1977	5530	Lilongwe with suburbs	1976	75
Republic of Mali	1240	1977	5990	Bamako with suburbs	1976	404
Republic of Niger.	1267	1978	4990	Niamey	1975	130
Republic of Senegal.	196	1976	5120	Dakar	1976	799

* Territory occupied by the Republic of South Africa.

/Table continued on following page/

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States and territories	Area, thou- sands of km ²	Size of population year	Name of capi- tal, main city, administrative center	Size of population	
				year	thousands
Republic of Uganda.	236	1978	Kampala with suburbs	1969	331
Republic of Chad.	1284	1978	N'djamena with suburbs	1972	179
Reunion ³	2.5	1978	Saint-Denis with suburbs	1974	104
Republic of Rwanda.	26.3	1977	Kigali with suburbs	1970	54
Democratic Republic of Sao Tome and Principe.	1	1977	Sao Tome	1960	5.7
Kingdom of Swaziland.	17	1977	Mbabane	1975	24
Republic of Seychelles.	0.4	1977	Victoria	1976	14.5
Somali Democratic Republic.	638	1977	Mogadishu	1972	230
Republic of Sierra Leone.	72	1977	Freetown	1974	214
Togolese Republic.	56	1978	Lome	1970	148
Republic of Tunisia.	164	1978	Tunis	1969	944
Federal Republic of Nigeria.	924	1977	with suburbs Lagos	1975	1061
Republic of Djibouti.	22	1976	Djibouti with suburbs	1975	102
Central African Empire.	623	1974	Bangui with suburbs	1971	187
Republic of Equatorial Guinea.	28	1977	Malabo	1974	25
Ethiopia.	1222	1977	Addis Ababa	1977	1133
Rhodesia ¹	391	1978	Salisbury with suburbs	1976	568
Republic of South Africa.	1221	1976	Pretoria	6 May 1970	544

* African population only.

/Table continued on following page/

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States and territories	Area, thou- sands of km ²	Size of year	thousands	Name of capi- tal, main city, administrative center	year	Size of population thousands
North and Central America						
Antigua ¹	0.4	1977	70	St. John's	1975	24
Commonwealth of Dominica.	0.8	1977	80	Roseau	1970	16.8
State of Saint Lucia.	0.6	1977	110	Castries	1974	45
Saint Vincent ¹	0.4	1973	100	Kingstown	1974	22
Grenada	0.3	1977	100	St. George's	1970	7.3
Montserrat ¹	0.1	1977	10	Plymouth	7 April 1970	1.3
Saint Christopher-Nevis	0.4	1977	70	Basseterre	1974	16
Commonwealth of the Bahamas	14	1977	220	Nassau	1970	3.2
Barbados.	0.4	1977	250	Bridgetown	7 April 1970	8.8
Bermuda ¹	0.05	1977	60	Hamilton	1974	3
Belize ¹	23	1977	150	Belmopan	1970	3.5
Virgin Islands ⁴	0.3	1975	92	Charlotte Amalie	1970	12.2
British Virgin Islands ¹	0.2	1975	11	Road Town	1970	2.2
Republic of Haiti	28	1978	4830	Port-au-Prince	1977	703
Guadeloupe ³	1.8	1977	370	Basse-Terre	1974	18
Republic of Guatemala	109	1978	6620	Guatemala	1973	701
Republic of Honduras.	112	1976	2830	Tegucigalpa	1974	274
Greenland ⁵	2176*	1977	60	Godthab	1966	5.8
Dominican Republic.	48.7	1978	5120	Santo Domingo	1975	923
Panama Canal Zone ⁴	1.4	1976	40			
Canada.	9976	1978	23500	Ottawa with suburbs	1974	626
Republic of Costa Rica.	51	1978	2110	San Jose	1976	228
Republic of Cuba.	111	End of 1978	9738	Havana with suburbs	End of 1978	1997
Martinique ³	1.1	1977	370	Fort-de-France	1973	100

*The territory free of ice is equal to 342,000 km².

/Table continued on following page/

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States and territories	Area, thou- sands of km ²	Size of population		Name of capi- tal, main city, administrative center	Size of population	
		year	thousands		year	thousands
United Mexican States.	1973	1978	66940	Mexico City with suburbs	1976	11943
Netherland Antilles.	1	1977	250	Willemstad	1970	50
Republic of Nicaragua.	130	1978	2400	Managua	1974	450
Republic of Panama	76	1978	1830	Panama	1977	428
Commonwealth of Puerto Rico ⁴	8.9	1977	3300	San Juan with suburbs	1975	792
Republic of El Salvador.	21	1977	4260	San Salvador	1973	388
Saint Pierre and Miquelon ³	0.2	1975	5	Saint Pierre	1967	4.6
United States of America	9363	1978	218500	Washington with suburbs	1975	3022
Republic of Trinidad and Tobago.	5	1976	1100	without suburbs	1973	712
Turks and Caicos Islands ¹	0.4	1975	7	Port-of-Spain	1975	60
Jamaica.	11	1977	2090	Grand Turk	1975	2.3
South America				Kingston with suburbs	1975	614
Argentine Republic	2777	1978	26390	Buenos Aires with suburbs	1975	8436
Republic of Bolivia.	1099	1978	6110	without suburbs	1976	2972
Federative Republic of Brazil.	8512	1978	115400	La Paz*	1975	655
Republic of Venezuela.	912	1978	13120	Brasilia	1975	763
Cooperative Republic of Guyana	215	1977	830	Caracas with suburbs	1976	2576
French Guiana ³	91	1977	60	Georgetown	1975	182
Republic of Colombia	1139	1977	25050	Cayenne	1975	30
Republic of Paraguay	407	1978	2890	with suburbs	1973	2836
				Bogata	1973	435
				Asuncion	1973	

* The actual capital of Bolivia. The official capital is Sucre.
/Table continued on following page/

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FOR OFFICIAL USE ONLY

States and territories	Area, thousands of km ²	Size of population		Name of capital, main city, administrative center	Size of population	
		year	thousands		year	thousands
Republic of Peru	1285	1978	16820	Lima	June 1972	2834
Republic of Suriname	163	1977	450	Paramaribo	1972	152
Oriental Republic of Uruguay	178	1978	2860	Montevideo	1975	1173
Falkland (Malvinas) Islands [*]	12	1975	2	Stanley	1973	1.1
Republic of Chile	757	1978	10860	Santiago with suburbs	1976	3595
Republic of Ecuador	284	1978	7810	Quito	1974	600
Australia and Oceania						
Australia	7687	1978	14260	Canberra	1974	166
Guam ⁴	0.5	1977	100	Agana	1 April 1970	2.1
Gilbert Islands ¹	0.9	1977	70	Bairiki	December 1973	17.2
Tulavu	0.001	1975	1	Funafuti		
Johnston Atoll ⁴	1.8	1977	130			
Trust Territory of the Pacific Islands ⁴	0.005	1975	2			
Midway ⁴	0.02	1975	8			
Republic of Nauru	0.3	1975	5			
Niue ⁷	269	1977	3110	Alofi	1977	140
New Zealand	19	1977	140	Wellington	1976	57
New Caledonia ³	14.8	1977	100	Noumea	1976	17
New Hebrides ⁸	0.04	1975	2	Vila with suburbs		
Norfolk Island ⁹	0.2	1977	20	Kingston		
Cook Islands ⁷	0.1	1975	3	Avarua		
Christmas Island ⁹	18.3	1977	600	Suva	1976	63.6
Fiji						

* Disputed territory between Great Britain and Argentina.

/Table continued on following page/

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States and territories	Area, thousands of km ²	Size of population		Name of capital, main city, administrative center	Size of population	
		year	thousands		year	thousands
Papua New Guinea.	462	1977	2910	Port Moresby with suburbs	1976	113.4
Pitcairn Islands ¹	0.005	1973	0.1	Adamstown	1971	0.001
American Samoa ⁴	0.2	1977	30	Pago Pago	1970	2.4
Western Samoa	2.8	1978	150	Apia	1974	33
Canton and Enderbury ¹⁰	0.08	1975	0.4	with suburbs		
Solomon Islands	28.4	1978	210	Honiara	1 February 1970	11
Tokelau ⁷ (Union)	0.01	1973	2			
Cocos (Keeling) Islands ⁹	0.01	1974	0.7			
Kingdom of Tonga	0.7	1977	90	Nuku'alofa	1976	18
Wake Island ⁴	0.008	1973	2			
Wallis and Futuna ³	0.3	1973	11	Mata Utu	1969	0.6
French Polynesia ³	4	1977	140	Papeete	1975	53

Note. Colonies, protectorates, condominiums, as well as territories, which are under the administration of the following countries: 1--Great Britain; 2--Portugal; 3--France; 4--United States; 5--Denmark; 6--the Netherlands; 7--New Zealand; 8--Great Britain and France; 9--Australia; 10--United States and Great Britain.

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Size of the Urban Population of Some Countries of the World

	Year	Total popula- tion, mil- lions	including urban popu- lation	Size of urban population as percentage of the total population
USSR.	1913	159.2	28.5	18
	1979	262.4	163.6	62
Bulgaria.	1978	8.8	5.4	61
Hungary	1978	10.7	5.8	54
Vietnam	1977	50.4	10.1	20
German Democratic Republic.	1978	16.8	12.7	76
Cuba.	1978	9.7	6.3	64
Mongolian People's Republic	1978	1.6	0.8	51
Poland.	1978	35.0	20.2	58
Romania	1978	22.0	10.8	49
Czechoslovakia.	1978	15.2	10.3	68
Albania	1973	2.3	0.8	33
Democratic People's Repub- lic of Korea.	1963	11.6	5.1	44
Yugoslavia.	1971	20.5	7.9	39
Australia	1971	12.7	10.9	86
Great Britain	1973	55.9	42.7	76
Egypt	1975	37.4	16.6	45
India	1974	586.1	120.6	21
Iran.	1975	33.4	14.7	44
Spain	1970	33.4	16.4	49
Italy	1971	54.0	28.3	52
Canada.	1971	21.6	16.4	76
United States	1970	204.9	150.5	73
Turkey.	1976	40.2	17.9	45
Federal Republic of Germany	1973	59.9	52.5	88
France.	1970	50.8	35.8	70
Japan	1975	111.9	85.0	76

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BRIEF METHODOLOGICAL EXPLANATIONS TO INDIVIDUAL STATISTICAL INDICATORS
CITED IN THE YEARBOOK

Territory and the Population

1. The /size of the population/* between censuses is calculated on the basis of the materials of the latest censuses with allowance made for subsequent changes in the natural and migratory movement of the population.

The breakdown of the population into urban and rural is made in accordance with the place of residence, and the population centers, which have been confirmed by legislative acts of the union republic as cities, urban-type settlements, workers' settlements and health resort settlements, are regarded as urban settlements. All other population centers are rural population centers.

Kolkhoz farmers, workers and employees of sovkhozes, subsidiary and other agricultural production enterprises, including people who are their dependents, regardless of where they live--in urban or rural areas--are grouped with the /agricultural population/, as distinct from the rural population.

Summary Section

2. The /gross national product/ is the value of the created material wealth and is defined as the sum of the gross production of the sectors of physical production: industry, agriculture, forestry, cargo transport, communications in the area which serves physical production, construction, material and technical supply, the procurement of agricultural products, trade and public dining, as well as other production types of activity (publishing, movie making, the collection and procurement of scrap metal and scrap material, the procurement of firewood by the population, the gathering of mushrooms, berries and so on).

* Passages enclosed in slantlines printed in boldface.

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When calculating the gross national product by sectors of physical production the production of the sectors is calculated in actual sale prices, which include along with other types of net revenue that part of it, which is realized as the turnover tax. Here the turnover tax, including that received with the sale of products produced from agricultural raw materials, is taken into account in the production of industry.

When calculating the gross national product the turnover tax is included in the production of industry less the recovery of the difference in prices in the procurement and sale of agricultural produce.

The gross national product is broken down into the fund for the recovery of material expenditures and the national income.

3. The /national income/ is the value which has been newly created in the sectors of physical production. In other words, it is that portion of the gross national product, which remains after the deduction of the means of production, which were consumed in the production process (raw materials, fuel, electric power and so on).

The national income is obtained as the sum of the net production of individual sectors of physical production. The net production of an individual sector is calculated as the difference between the gross production and the material production expenditures.

Just like the gross national product, the national income is calculated in actual and comparable prices. In calculating the growth rate of the national income the following prices were used as the comparable prices: through 1950 inclusively--the constant prices of 1926/27, in 1951-1955--the 1951 prices, in 1956-1958--the 1956 prices, in 1959-1965--the 1958 prices, in 1966-1975--the 1965 prices. Beginning with 1976 the 1973 prices are used as the comparable prices.

The growth rate of the national income over lengthy periods, during which the different comparable prices were used, is calculated by the chain method, that is, by multiplying the growth rates which were calculated for specific periods on the basis of identical comparable prices.

In the yearbook along with the data on the growth rate of the /produced national income/, for the purposes of comparability with the plan, the data on the growth rate of the national income /used for consumption and accumulation/ are also cited. For each individual year the total amount of consumption and accumulation (that is, the national income used for consumption and accumulation) /in actual prices/ differs from the national income as the sum of the net production of the sectors of physical production (the produced national income) by the amount of reimbursement of losses and the foreign trade balance. When the national income, which is used for consumption and accumulation, is calculated over a number of years /in comparable prices/, in this case the used national income will differ from the produced national income primarily due to the structure of the

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physical composition, which in dynamics varies differently. In this connection when revaluating in comparable prices a slightly different dynamics of the use and produced national income is obtained.

4. /Fixed capital/ is the most important component of the national wealth of the country.

Buildings, structures, conveying equipment, machinery and equipment (operating and power machinery and equipment, measuring and control instruments and devices, laboratory equipment, computer hardware), vehicles, tools, draft and productive livestock and other types of fixed capital are grouped with the fixed capital.

Fixed capital is broken down according to its purpose into fixed production capital and fixed nonproductive capital.

The means of labor, which function in the sphere of physical production, are repeatedly involved in the production of physical wealth, which in this case retain their natural form, are gradually worn out and transfer their value to the social product being created bit by bit as amortization deductions, are grouped with the /fixed production capital/.

The fixed capital, which is not directly involved in the production process, is fixed nonproductive capital. The capital of housing and municipal services, organizations and institutions of public health, education, science, culture, art, credit institutions and administrative organs is grouped with the fixed nonproductive capital regardless of whether it is on the balance sheets of production or nonproduction enterprises and organizations.

The fixed capital of state, cooperative and public enterprises and organizations, kolkhozes, as well as the fixed capital owned by the public are included in the fixed capital. Residences, outbuildings, perennial plantings, draft and productive livestock belong to the fixed capital of the population.

5. The /conversion of hydroelectric power into conventional fuel/ in the table "Fuel and Power Balance" is made according to the ideal equivalent-- 123 g of conventional fuel are equivalent to 1 kWh of electric power. When converting in accordance with the average level of the actual fuel consumption per generated kilowatt-hour the water power resources used in 1978 correspond to the release of conventional fuel in the amount of 53.1 million tons.

6. The /productivity of social labor/ is calculated as the ratio of the produced national income to the number of workers employed in the sectors of physical production.

When comparing the growth rate of the productivity of social labor with the growth rate of labor productivity in individual sectors of physical

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production it should be borne in mind that in contrast to the productivity of social labor, labor productivity in individual sectors of physical production is calculated according to the gross production; a change in the structure of social production also influences the dynamics of the productivity of social labor.

Science and Technical Progress

7. Included among /scientists/ are academicians, members and corresponding members of the academies of sciences; all people holding the academic degree of doctor of sciences, candidate of sciences or the academic title of professor, docent, senior research associate, junior research associate, assistant lecturer, regardless of the place and nature of their work; people who perform scientific research at scientific institutions and scientific teaching work at higher educational institutions, regardless of whether or not they have an academic degree or academic title, as well as specialists who have neither an academic degree nor an academic title, but regularly perform scientific work at industrial enterprises, planning, planning and design and planning and technological organizations according to a thematic plan of scientific work, which has been approved in accordance with established procedure.

8. The expenditures on the drafting of technical specifications, the production and testing of models and prototypes in accordance with inventions and rationalization proposals, on the payment of compensation to the authors, deductions for the fund for the payment of bonuses for the promotion of the development of inventions and rationalization, for the organization of exhibitions, competitions, inspections, contests in the development of inventions and rationalization and other mass organizational measures are taken into account /in the expenditures on the development of inventions and rationalization/.

9. The /number of relatively released workers/ in a section, in which new equipment has been introduced, is determined by the difference between the number of workers, which is necessary for the production of the volume of products, which are put out after its introduction, given the level of labor productivity before its introduction, and the number of workers, which is necessary for the production of the same volume of products given the level of labor productivity, which can be achieved as a result of the adoption of the measure, with allowance made for the time of the actual effect of the measure.

10. The /State Seal of Quality/ is conferred by the USSR State Committee for Standards on products, which in accordance with the indicators of the technical level correspond to the best domestic and world achievements or exceed them, are competitive on the foreign market, have higher stable indicators of quality, conform to the standards (specifications), which take into account the requirement of international standards, ensure economic efficiency and meet most completely the needs of the national economy and the population of the country.

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11. The growth rate of the /power-worker ratio/ in industry is calculated according to the data on the actual consumption of electric power and mechanical energy by industrial enterprises, which are carried on an independent balance sheet, on the average per industrial worker; the growth rate of the /electric power-worker ratio/ is calculated according to the data on the actual consumption of electric power on the average per industrial worker.

12. The /mechanization of operations in the coal and timber industry/ is determined by the ratio of the amounts of mechanized operations to the total amount of performed operations of the given type.

The data on the /mechanization of logging/ are cited for the main major logging enterprises and production associations, the logging of which constitutes 89 percent of all the timber logging for the USSR.

13. The /power capacities of agriculture/ are determined on the basis of the data on the total horsepower of the engines of tractors (including the engines of tractors, on which reclamation and other machinery has been mounted), combines, trucks and other mechanical engines, as well as the total capacity of electric motors and power plants and the number of draft animals. For kolkhozes the data on the power capacities are cited with the exclusion of fishing kolkhozes.

14. The /power-worker ratio/ in agriculture is calculated for kolkhozes (excluding fishing kolkhozes), interfarm agricultural enterprises and sovkhoses of all systems.

To calculate the power-worker ratio the average annual power capacities are divided by the average annual number of workers of sovkhoses, interfarm agricultural enterprises and kolkhozes farmers who are engaged directly in production.

15. The /indicators of the mechanization of agricultural operations/ are defined as the ratio of the amount of mechanized operations to the total amount of the corresponding operations. Operations, which are performed by machines with mechanical engines or electric motors, are considered mechanized.

16. The /complete mechanization/ of operations in animal husbandry is determined by the proportion of the number of livestock and fowl in barns, which have been equipped simultaneously with the mechanization of the supply of water to the animals, the distribution of feed and the removal of manure, at cow barns, moreover, the milking of cows, at poultry houses for laying hens--the gathering of eggs, in the total population of livestock and poultry.

17. The /consumption of electric power/ at kolkhozes, interfarm agricultural enterprises and sovkhoses is made up of the amount of electric power (both what they generate themselves and what they receive from outside),

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which was consumed by agricultural enterprises for production purposes, for the lighting of public buildings and streets, for movies and radio, as well as was released for the needs of the workers of their own farm.

The amount of electric power, which was obtained by kolkhozes farmers, workers and employees apart from the kolkhozes, interfarm agricultural enterprises and sovkhozes, is not taken into account in the consumption of electric power by the farm. This amount of electric power is included in the total amount of its consumption in agriculture.

The consumption of electric power in agriculture is determined by the amount of electric power, which was consumed by agricultural enterprises, as well as by its consumption for lighting and household consumption in rural areas.

18. The /level of complete mechanization of loading and unloading operations in transport/ is determined by dividing the amount of loading and unloading operations in ton-operations, which were performed by machines (on the condition that manual labor is used only for auxiliary operations), by the total amount of loading and unloading operations.

Industry

19. As a rule, the data both for industrial enterprises, which are carried on an independent balance sheet, and for subsidiary industrial enterprises at construction, trade, agricultural and other nonindustrial enterprises and organizations are included /in the total for industry/.

20. The industrial enterprise as a whole is the /accounting unit/ in obtaining the results for individual sectors of industry. Enterprises are assigned to one sector or another of industry in conformity with the main product produced by the enterprise.

21. The /total production volume of industry as a whole and its individual sectors/ is defined as the sum of the data on the gross production of the individual industrial enterprises, which is taken into account according to the plant method. The value of all the finished items produced by the enterprise during the period under review and of all the semimanufactures sold on the side (both those made from its own raw materials and materials and those made from the raw materials and materials of the client), as well as the volume of the performed work of an industrial nature in accordance with orders from outside or of nonindustrial managements and organizations of its own enterprise are regarded as the gross production of the industrial enterprise.

For individual enterprises of machine building, the production of metal components and repair plants the value of the increase (decrease) of the balances of unfinished production is also included in the gross production on the condition that the duration of the production cycle (according to the established technology) at these enterprises is more than two months.

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The value of internally produced products, which are used for industrial production needs within the given enterprise, is not included in the gross production of the industrial enterprise (with isolated exceptions).

22. Industry is broken down into two large groups of sectors: the extractive industry and the processing industry.

Enterprises of the mining industry--enterprises for the mining of mining and chemical raw materials, the ores of ferrous and nonferrous metals and nonmetallic raw materials for metallurgy, nonmetallic ores, petroleum, gas, coal, peat, shales, salt, rock products, light natural fillers and lime-stones--are assigned to the /extractive industry/; hydroelectric power stations, enterprises for forest exploitation, fishing and the production of sea products, water mains are also assigned to the extractive industry.

Enterprises for the production of ferrous and nonferrous metals, rolled metal products, chemical and petrochemical products, machinery and equipment, products of wood processing and the pulp and paper industry, cement and other construction materials, the products of light and the food industry, as well as enterprises for the repair of industrial goods and thermal electric power stations are assigned to the /processing industry/.

23. The data on the individual sectors of the national economy and industry in this and other sections of the yearbook are cited in conformity with the All-Union Classifier "The Sectors of the National Economy" (OKONKh).

24. The /growth rate of the total industrial production volume/ as a percentage of the preceding year is calculating according to the data on the gross production /in comparable, that is, the same, prices/, and the valuation of the production in these prices is made directly at the enterprises. The growth rate from 1913 to 1953 is calculated according to the data on the gross production in constant prices of 1926/27, from 1950 to 1955--in the wholesale prices of enterprises (that is, excluding the turnover tax) on 1 January 1952, from 1955 to 1967--in the wholesale prices of enterprises on 1 July 1955, from 1976 to 1975--in the wholesale prices of enterprises on 1 July 1967, since 1975--in the wholesale prices of enterprises on 1 January 1975. The growth rate for lengthy periods, during which different comparable prices were used, is calculated by the chain method, that is, by multiplying the growth rates for the individual periods, during which the comparable prices were used. The growth rate with the change in the methodology of planning and the accounting of the gross production and the change in the organizational structure of enterprises, is calculated in the same manner.

When calculating the growth rate of labor productivity (according to the output of gross production per worker) over lengthy periods the chain method is also used.

The growth rate of the total production volume is calculated on the basis of the thorough accounting of all types of industrial production without

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exception in physical terms, which are evaluated in comparable prices. The method of calculating indices in the USSR ensures the completeness and reliability of the obtained data and differs favorably from the method of calculating indices of industrial production in capitalist countries.

In capitalist countries the annual indices of the physical volume of industrial production in connection with the lack of data of thorough accounting are constructed on the basis of sets of representative goods. The weighting of the particular indices when constructing indices for sectors and industry as a whole is accomplished, as a rule, according to the value added. The indices of the set of products reflect the dynamics not of the total production volume, but namely of the given set, the representativeness of which is often very hypothetical. In this connection they are inadequately reliable and are often revised.

In spite of the significant shortcomings of the methods of calculating the indices, which are used in capitalist countries, they still make it possible with a certain degree of tolerance to compare the USSR industrial production indices with the indices of capitalist countries.

25. The /proportion of the production of individual sectors/ in the total industrial production volume is calculated according to the data on the gross production which was determined according to the 1976 methodology of planning and accounting.

26. The breakdown of the gross production of industry into /the production of means of production (group A) and the production of consumer goods (group B)/ is made in conformity with the actual use of the products. Here some types of products as a whole are assigned to group A (machine tools, equipment, ores of ferrous and nonferrous metals, mineral fertilizers, wood pulp and so forth), other types of products as a whole are assigned to group B (finished sewn and knitted items, food fish products, bread and baked goods, household refrigerators, radio receivers, furniture and others). A number of types of products, which are used for production and nonproduction purposes (electric power, coal, finished fabrics, flour, meat, animal oil and others), are broken down between group A and group B in accordance with their actual use.

27. The production of industrial products /in physical terms/ is shown, as a rule, according to the gross output of products, that is, including products which are used for industrial production needs within the given enterprise. For example, the amount of pig iron, which was used at the same enterprise for the production of steel, is also included in the data on the production of pig iron; the amount of granulated sugar, which was used for the production of lump sugar, is also included in the data on the production of granulated sugar.

Some types of products are produced not only at industrial enterprises, but also in the private households of the population (canned goods, confectionary items and others). The data cited in the collection on the

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production of products pertain to industrial production and do not include the product in the private households of the population.

28. The growth rate of /labor productivity/ in industry is determined according to the output of gross production in comparable prices per worker.

When calculating the labor productivity in industry for 1913 in addition to the number of hired personnel the number of handicraftsmen was also taken into account.

29. The /capital-labor ratio/ by sectors (for the calculation of the growth rate) is determined by dividing the average annual value of the industrial fixed capital by the average registered number of industrial personnel engaged directly in production according to a comparable methodology.

30. The indicators of the /decrease of expenditures per ruble of commodity production/ is the ratio, which is expressed in percent, of the difference between the actual expenditures per ruble of commodity production of the given year (in prevailing prices during the given year and in prices comparable with the preceding year) and the expenditures per rubles of commodity production during the preceding year to the expenditures per ruble of commodity production of the preceding year. Here the expenditures per ruble of commodity production during the preceding year are taken as the ones which actually formed during the preceding year, without conversion to the output and product assortment and the prices of the year under review, in accordance with the methodology of planning and accounting, which was used during the year in review.

31. The /wholesale prices of enterprises/ include the total production cost and the profit of industrial enterprises. They are used for planning and accounting of the gross, commodity and sold production, the calculation of the profitability and so on.

The /wholesale prices of industry/, which are the ultimate prices for consumers, include the wholesale prices of enterprises, the markups of supply and marketing organizations, transportation costs (in case of the FOB price of the station of destination), while for a number of types of products they also include the turnover tax.

The /wholesale price indices/ are calculated by the chain method by multiplying the annual indices, which were obtained on the basis of the valuation of the commodity production for each year in current prices and the prices of the preceding year. Prior to 1958 the wholesale price indices were calculated at the end of the corresponding year on the basis of sample data for a set of representative goods.

32. All permanent electric power stations, regardless of their capacity, and mobile electric power stations with a capacity of 5 kW and more are included /in the total for electric power stations/.

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The data on the capacity of electric power stations are cited as of the end of the corresponding year and pertain only to installed equipment.

All the electric power stations of the power administrations of the USSR Ministry of Power and Electrification and the electric power stations of other ministries and departments, which are carried on an independent balance sheet, are grouped with /general-purpose electric power stations/.

33. Commercial crude ore (unsorted and sorted) according to the weight of the ore or concentrate according to the weight of the concentrate (and not according to the weight of the ore which was converted into concentrate), which are used in blast furnace and steel smelting units for the production of agglomerate, pellets, as well as for delivery outside, are included in /commercial iron ore/.

34. The /useful volume utilization factor of a blast furnace/ (KIP0) is calculated according to the nominal available time as the ratio of the number of nominal meter-days of operation of the furnace to the amount of smelted pig iron in terms of conversion pig iron.

The product of the volume of the furnace, which is expressed in cubic meters, times the number of calendar days less the days of idle time of the furnace for capital repair is understood as the nominal meter-days of operation of the furnace.

The useful volume utilization factor shows from what volume of the blast furnace (in cubic meters) 1 ton of pig iron a day is smelted. Thus, the more productively the useful volume of a blast furnace is used, the lower the useful volume utilization factor is.

35. The /average daily yield of steel from 1 m² of area of the hearth of open hearth furnaces/ is determined by divided the amount of smelted open hearth steel by the number of meter-days of operation of the furnaces. The number of meter-days of operation of open hearth furnaces is calculated by multiplying the area of the hearth of open hearth furnaces by the number of calendar days of operation of the furnaces.

36. The data on the production of /mineral fertilizers/ (including chemical feed additives) is cited in terms of 100 percent nutrients and in conventional units, that is, in terms of the conventional content of nutrients: for nitrogen fertilizers--20.5 percent N, potassium fertilizers--41.6 percent K₂O, phosphate fertilizers--18.7 percent P₂O₅, phosphorite meal for agriculture--19 percent P₂O₅, boric and boron-magnesium fertilizers--9 percent H₃BO₃.

37. The data on the /production of chemical means of plant protection/ are cited in 100 percent terms for the primary nutrient and in conventional units (for the release forms of the compounds), that is, in the standard content of the active ingredient, which is used in the planning and accounting of the output of specific types of compounds.

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38. Marine boilers are not included in the data on the production of /steam boilers/.

39. Large electrical machines, explosion-proof, crane and cutter electric motors, which are taken into account separately, are not included in the total of the /production of AC electric motors/ with a rating of 0.25 to 100 kW and electric motors with a rating in excess of 100 kW.

40. /Machine tools/, which are part of the automatic and semi-automatic lines for machine building and metalworking, are including among machine tools. In conformity with the methodology of planning, small machine tools, which are produced for the educational workshops of general educational schools, as well as machine tools for agricultural equipment repair workshops are not included in the total of the production of machine tools. In 1978 88,000 of these machine tools were produced.

41. Hydraulic presses for some technological processes of nonmetalworking works: for the baling of cotton, paper and fabrics; industrial presses for the production of carbon electrodes; platen presses for the production of plywood, splint-slab and wood-fiber board, textolite and getinaks; presses for squeezing moisture from leather and cardboard and for the production of artificial leather are also included in the total of the production of /forge and press machines/.

42. Small garage and paint compressors are included in the total of the production of /air and gas drive compressors/.

43. Industrial equipment for enterprises of the chemical industry, equipment for chemical processes of other sectors of industry, particularly for the sugar and other sectors of industry and for pulp production are included in the total of the production of /chemical equipment/.

44. The data on the production of cotton ginning equipment, technological equipment for the knitted wear, textile and haberdashery, fulling and felt industry and for the production of chemical fibers, which are taken into account separately, are not included in the total of the /production of technological equipment for the textile industry/.

45. Round timber and firewood for technological needs are included in the amount of /timber logging/. In 1978 the firewood for technological needs came to 19.7 million solid m³.

46. The data on /pulp/ include hemicellulose and are cited as regarding digestion. Of the total amount of pulp for digestion the liquid pulp for 1978 came to 6,929,000 tons.

47. White and colored writing paper, as well as notebook paper are included in the total of /writing paper/.

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48. The /brand of cement/ is determined by its compressive strength and is expressed in kg/cm².

The average brand of cement is determined by multiplying the amount of cement of each brand by the indicator of this brand and dividing the amount of the obtained products by the total amount of produced cement.

49. The data on the /production of wall materials/ are cited in terms of a conventional brick, by which is understood a standard brick measuring 250 X 120 X 65 mm.

50. All types of footwear, except felt and rubber footwear, are included in the total of /leather shoes/.

51. The /productivity of spinning equipment/ is characterized by the output of thread in kilocounts per 1,000 spindles an hour and is determined by dividing the amount of produced thread in kilocounts by the number of worked spindle-hours. The amount of kilocounts of produced thread is obtained by multiplying the weight of the thread in kilograms by the count of thread according to a sample which characterizes the thickness of the thread.

52. The /productivity of weaving equipment/ is characterized by the output of unbleached fabrics in meter weft threads per loom an hour and is determined by dividing the amount of produced unbleached fabrics in meter weft threads by the number of workers loom-hours. The number of weft threads is determined by multiplying the amount of produced unbleached fabrics in weft threads by the average width of the unbleached fabrics.

53. The data /on technical and economic indicators/ are cited: /in the textile and knitted wear industry/ for enterprises of the USSR Ministry of Light Industry, the production volume of which in 1978 was 95-99.96 percent of the total production; in the /oil industry/ for enterprises of the USSR Ministry of the Food Industry, the production volume of which in 1978 was 98 percent of the total production of vegetable oil.

54. Wristwatches, pocket watches, alarm clocks, wall weight-driven clocks, wall pendulum clocks, wall balance clocks, table, floor and chess clocks are included in the data on the /production of household clocks/. Technical clocks, special clocks, primary and secondary electronic clocks are not included.

55. Car and pocket radios, radio-tape recorders and radio-tape recorder-phonographs are also included in the data on the /production of broadcast radio receivers and radio-phonographs/.

56. The value of household furniture (excluding metal beds) and special furniture (theater, laboratory, hospital, railroad station, furniture for kindergartens, nurseries and others) are included in the data on the /production of furniture/ in value terms. Only household furniture is included in the data on the production of furniture in physical terms.

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57. The meat of all types of livestock and poultry, as well as the produced by-products of category I, which are obtained when processing livestock, are included in the total of the /industrial production of meat/. Liver, kidneys, brains, tongues and so forth belong to the by-products of category I.

58. Milk, cream, sour cream, kefir, acidophilus, sour milk, soft cheese, cottage cheese and other products made from whole milk are grouped with /whole milk products/. The whole milk products are calculated in weight units by converting each type of dairy product into milk according to the coefficients established for them.

59. /Canned goods/ are taken into account in conventional cans. A conventional can is considered to be: a) for preserves, jam, butter, jelly, tomato sauses, sterilized fruit juices, fruit paste, puree, condensed milk, nature juices (pasteurized), pickled vegetables and fruits, as well as for concentrated tomato products, which have been reduced to 12-percent density--a can with a product net weight of 400 g; b) for all other types of canned goods--a can with a capacity of 353.4 cm³.

Agriculture

60. The /gross production of agriculture/ is specified in monetary valuation at comparable prices as the sum of the production of plant growing and animal husbandry. The comparable prices are obtained as the average weighted prices of the commodity and noncommodity portion of the gross production of agriculture. The commodity portion of the production is valued at the actual sale prices: the sale of products to the state by kolkhozes, sovkhoses and other state farms and the population at state purchase prices, the sale by kolkhozes and the population on the market at the prices of the kolkhoz market. The noncommodity portion of the production at kolkhozes, sovkhoses and other state farms is valued at the production cost. On the plots of the population the noncommodity portion of the production, which is used for personal consumption and for agricultural production, is valued at the average commodity prices. At present the average 1973 prices for the USSR are used as the comparable prices. Up to 1950 the volume and indices of the gross production of agriculture were specified in the prices of 1926/27, from 1951 to 1956--the 1951 prices, from 1956 to 1958--the 1956 prices, from 1958 to 1965--the 1958 prices, from 1965 to 1975--the 1965 prices, since 1976--the 1973 prices. For the long-term period, during which different comparable prices were used, the indices of the increase of the total gross production, as well as of plant growing separately and animal husbandry separately are calculated by the method of chain indices.

61. The /gross production volume of plant growing/ is determined by the sizes of the gross harvest of agricultural crops, which is valued in comparable prices. Moreover, the increase of the value of the unfinished production in plant growing during the year is added (or the decrease is subtracted) along with the cost of the cultivation of young perennial

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plantings to the value of the gross harvest during the given year. The unfinished production in plant growing is characterized by the expenditures on the sowing of winter crops and the preparation of the soil for spring crops, which were made during the given year against the harvest of the next year. The cost of cultivating young perennial plantings includes the cost of the planting and cultivation until fruit-bearing age of perennial plantings.

62. The /gross production volume of animal husbandry/ is determined by the amounts of the obtained offspring and the increase of the young livestock raised during the year, the weight gain of mature livestock, which was obtained as a result of their fattening, as well as the amount of milk, wool, eggs and other products of animal husbandry, which were obtained in the process of the economic use of livestock and poultry and were not connected with their slaughter. The gross production volume of animal husbandry is specified in monetary valuation at comparable prices.

63. The agricultural products, which are sold to the state and cooperatives, the workers and employees of sovkhozes and subsidiary farms, as well as to the population on kolkhoz markets, are included in the /commodity production of agriculture/. The intrasectorial (intravillage) turnover, that is, the direct sale or exchange of agricultural products between individual agricultural enterprises and the agricultural population, for example, the sale by kolkhozes and kolkhoz farmers to each other, are not included in the commodity production.

The commodity portion of the production of plant growing is determined from the harvest of agricultural crops during the given year, the commodity portion of the production of animal husbandry is determined for the calendar year.

64. The /state purchases of agricultural products/ constitute the bulk of the commodity production of agriculture. All the products, which are sold to the state by kolkhozes, sovkhozes and other state farms (toward the plan and in excess of the plan) and by the population, are taken into account in the volume of state purchases. Livestock, which are sold after fattening at interfarm organizations, are included in the volume of the sale of livestock to the state by kolkhozes and sovkhozes. The purchases at kolkhozes and from kolkhoz farmers of the surpluses of agricultural products by trade and cooperative organizations for public dining and the expansion of trade according to the plans of these organizations, as well as their sale on the kolkhoz market are not taken into account in the state purchases.

The purchases of the products of animal husbandry are taken into account for the calendar year, that is, from 1 January to 31 December inclusively, while the products of plant growing are taken into account from the harvest during the agricultural year, which is conventionally considered to be from 1 July of the current year to 30 June of the following year inclusively.

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The data on the purchases of grain, raw cotton, sugar beets, oil-bearing crops, flax fiber, hemp, tobacco, makhorka, potatoes, milk and wool are cited in recorded weight, that is, in a weight with allowance made for markups or discounts for deviation of the quality of the products from the established standard. The data on the purchases of livestock and poultry are cited both in the weight of the live livestock and poultry and in dressed weight. The dressed weight of livestock and poultry is calculated according to coefficients of the meat yield with the slaughter of livestock and poultry in industry.

65. The /capital-labor ratio/ is calculated as the ratio of the average annual value of the agricultural fixed production capital to the average annual number of workers engaged in agricultural production.

66. The /total land area (territory)/ is cited according to the data of the Main Administration of Geodesy and Cartography (GUGiK) excluding the area of the White Sea and the Sea of Azov.

67. The /areas of farming land/ and their breakdown by land users are cited according to the reports which are compiled on the basis of the data of the state accounting of land.

68. The /organization of forests/ is understood as:

a) the economic and technical division of the forest, the inventory of forest resources and the study of the conditions of the growth of the forest;

b) the compilation of a plan of the organization of forestry.

The main species of trees, the age of the trees being felled, the means of felling and reforestation, the plan of felling and the extent of use of the forest (the estimated felling area) are established for each of the sections of the forest (compartment, apportionment).

69. The /sown areas of agricultural crops/, which are cited in the tables, are the spring productive areas, that is, all areas taken up by plantings by the time of the completion of the sowing of spring crops, including plantings in the row spacings of orchards and preliminary crops on plowed meadows and pastures (with allowance made for their economic use during the period of the harvest). Secondary and interrow sowings (except sowings in the row spacings of orchards) are not including in these areas. The sown areas at kolkhozes, interfarm enterprises, sovkhoses and other state farms are shown according to the data of their reports, while on the private subsidiary farms of kolkhoz farmers, workers and employees they are shown on the basis of the data of the thorough accounting of plantings and sample surveys at these farms in individual years.

70. The /gross harvest of agricultural crops/ at kolkhozes, interfarm enterprises, sovkhoses and other state farms is established according to

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the data of their annual reports by the direct calculation of the products harvested at these farms both from the main sowings and from the secondary and interrow sowings. At the private subsidiary farms of kolkhoz farmers, workers and employees the gross harvest of agricultural crops is calculated on the basis of the data on the amounts of sown area at these farms and the data on the average yield per hectare according to the materials of a sample survey of the budgets of families of kolkhoz farmers.

The gross harvest and yield of cereal crops and sunflowers are established in the weight arrived at by kolkhozes, interfarm enterprises, sovkhozes and other state farms after the harvest (threshing by combines and other agricultural machinery).

71. The /average yield of agricultural crops/ is calculated on the basis of the gross harvest from the main plantings per hectare of spring productive planting of the given crop, with the exception of the hay of sown grasses and natural hay fields, for which the average yield is calculated for the actually harvested area. The total gross harvest and the yield of cereal crops are shown with the exception for corn of only the dry grain (that is, grain of complete maturity). Here the gross harvest and yield of corn are established by subtracting from the physical weight of the ears the weight of the stalk, as well as the moisture which exceeds the standard norm.

72. The /area of fruit, berry, grape and tea plantings/ for kolkhozes, interfarm enterprises, sovkhozes and other state farms is determined from the data on the annual reports of these farms.

The area of perennial plantings on the private subsidiary farms of kolkhoz farmers, workers and employees are calculated according to the data of censuses and sample surveys.

73. The /gross harvest of fruit, berries and tea/ at kolkhozes, interfarm enterprises, sovkhozes and other state farms is cited according to the data of their annual reports. The gross harvest on private subsidiary farms of kolkhoz farmers, workers and employees is calculated on the basis of the data on the size of the area of the plantings on these farms and the average yield according to the materials of the sample survey of the budgets of the families of kolkhoz farmers.

74. The /area of irrigated land/ includes the lands, which are suitable for agricultural use and irrigation and have a permanent irrigation system (canals, pipelines, races), which is connected with sources of irrigation, the water resources of which ensure the irrigation of this land.

Lands, which have a drainage system, which ensures the normal water-air conditions for their use for plantings of agricultural crops, perennial plantings, hay fields and pastures, are grouped with /reclaimed lands/.

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75. The /number of livestock/ as of 1 January is established on the basis of annual thorough accounts (censuses).

The number of individual types of livestock includes the number of all age groups of the corresponding type of livestock. The number of cows is cited with the exception of cows which have been transferred for fattening and pasturing. The number of buffalo and yaks is taken into account among the cattle.

The data on the number of livestock during the prerevolutionary period are cited as of 1 January 1916 in accordance with the materials of the agricultural census. Reliable data are lacking for earlier prerevolutionary years. The sources of the official statistics for 1910-1914 and earlier years (the data of the Central Statistical Commission, the veterinary administration and others) are not suitable, since they suffer from significant undercounting.

76. The meat of all types of livestock and poultry, crude fat and food by-products are included in the data on the /production of meat/. The data are cited for both the industrial and the intrafarm slaughter of livestock and poultry.

77. The actually produced cow's, sheep's, goat's and mare's milk, regardless of whether this milk was sold or a part of it was consumed at the farm for the feeding of calves and piglets, is included in the data on the /production of milk/. The milk sucked by calves during their suckling is not included in the production of milk and is not taken into account when determining the average milk yield per cow.

78. All the actually sheared sheep's wool, goat and camel hair and goat down, regardless of whether this fleece was sold or used for intrafarm needs, are included in the data on the /production of wool/. The wool, which was obtained from sheepskins during their industrial processing for skin (so-called acid wool), is not included in the production. The weight of the wool shown is the actual weight (that is, the weight of the greasy wool), immediately after the shearing of the sheep; in those regions, where the washing of sheep before shearing is practiced, as a result of which the wool from these sheep turns out to some extent to be scoured ("peregona" or "poluperegona"), the weight of this wool is taken into account in terms of greasy wool.

79. The yield of eggs, which were obtained during the year from all types of domestic fowl, including the eggs which went for the reproduction of fowl (incubation and other), is included in the data on the /production of eggs/.

80. The data on the /production of animal oil/ include industrial production and the output on the private subsidiary farms of kolkhoz farmers, workers and employees.

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81. The /average annual milk yields per cow/ are cited in terms of the average annual number of cows, which is calculated on the basis of the presence of cows at the farm at the beginning and end of each month, regardless of whether the cow was milked or not during the given month. At kolkhozes, interfarm enterprises and sovkhozes the cows, which are being fattened before slaughter, the cows of the meat herd of regions of beef cattle raising, as well as the cows, which have been singled out for the group suckling of calves, if these cows are not milked, are excluded from the total number of cows which were present at the farm when determining the milk yield per cow.

82. The /yield of wool per sheep/ is determined on the basis of the number sheep, which were present at the farm at the beginning of the year, and the total amount of sheep's wool which was sheared during the given year.

83. The /egg yield of hens/ is determined on the basis of the average annual number of laying hens, which were present at the farm, and the number of eggs obtained during the given year.

84. The /indicators of the development of kolkhozes/ are cited according to the number of farms of the corresponding years, disregarding the conversion during those years of kolkhozes into sovkhozes.

85. The /gross income (net production) of kolkhozes/ is calculated as the difference between the value of the total gross production in the prices of the corresponding years (excluding capital construction and capital repair) and the material production expenditures (grain, fodders, fuel, fertilizers, amortization and so on).

86. The /indivisible funds of kolkhozes/ include the fixed capital according to the balance sheet value excluding wear, the working capital and the funds for capital investments and capital repair by means of their own assets (excluding borrowed assets).

87. The /pay of kolkhoz farmers/ includes the total amount of money and the value of the products, which are specified for issuance to kolkhoz farmers, for work in all the sectors of the public sector.

The average pay per man-day is calculated by dividing this amount by the total number of man-days, which were worked by kolkhozes farmers in all sectors of the public sector.

Here for the purposes of comparability with the indicators of the wages of workers and employees the payments in kind are valued at state retail prices.

88. The /average annual number of kolkhoz farmers/, who are employed in the public sector of kolkhozes, is determined by adding up the number of all the kolkhoz farmers who worked during all the months of the year under review and by dividing the obtained figure by 12. Able-bodied kolkhoz

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farmers, adolescents and elderly people, regardless of the number of days worked by them, are included in the number of kolkhoz farmers who worked during each month.

89. The /average annual number of sovkhos workers/ is determined by adding up the average registered number of workers during all the months of the year under review and dividing the obtained figure by 12. The average registered number of workers during the month is calculated by adding up the number of workers according to the list during all the calendar days of the month, including holidays and days off, and dividing the obtained figure by the number of calendar days of the month. The registered number of workers on days off or holidays is taken to be equal to the registered number of workers during the preceding workday. The average number of temporary workers, who were recruited for agricultural work among retirees, housewives and students, who work individual days, is calculated by dividing the number of man-days worked by them by the number of workdays in the month.

90. The /labor productivity as a whole for all public agriculture/ (kolkhozes, sovkhos, interfarm agricultural enterprises, subsidiary and other agricultural production enterprises) is calculated: the /annual labor productivity/--by dividing the gross production of agriculture in monetary terms (in comparable prices) by the average annual number of workers who are employed in agriculture, the /hourly labor productivity/--by dividing the gross production of agriculture in monetary terms (in comparable prices) by the number of man-hours worked in agriculture during the year.

91. The /direct labor expenditures in man-hours/ for the production of 1 quintal of agricultural produce at kolkhozes and sovkhos include the labor expenditures of able-bodied people, adolescents and elderly people, who were engaged directly in the production of the given type of product, less the general production and general economic expenditures.

92. All the people, who have a diploma (certificate) on graduation from a higher or secondary specialized educational institution, regardless of the job performed by them or the held position, are included /among the specialists/ with a higher and secondary specialized education, who worked directly at kolkhozes, sovkhos, interfarm agricultural enterprises, subsidiary and other agricultural production enterprises.

93. Both specialists with a higher and secondary specialized education and experienced workers are included /among the managerial workers/ of kolkhozes, sovkhos and interfarm agricultural enterprises by the held positions.

Transport and Communications

94. The /freight turnover/ characterizes the amount of work performed on the transportation of cargo and is defined as the sum of the products of

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the weight of each batch of transported cargo in tons times the tariff distance of their transportation in kilometers. The /passenger turnover/ characterizes the amount of work performed on the transportation of passengers with allowance made for the distances over which the passengers were carried.

95. The /adjusted ton-kilometers/ characterize the total amount of the work performed by transport on the transportation of cargo and passengers and are defined for rail, water and motor transport as the sum of the ton-kilometers and passenger-kilometers. The ton-kilometers for trucks, which are operated on a piece rate, for freight taxis, as well as the passenger-kilometers for buses and passenger cars are included for motor transport in the total number of adjusted ton-kilometers.

96. The /length of railroad track in use/ is defined as the sum of the length of individual rail lines, which is in use. The distance between the center lines of the stations, which is measured according to the center line of the main track, is considered the length of railroad track in use.

97. The /length of railroad sidings/ of industrial enterprises and organizations (the total length) is defined as the sum of the length of all the tracks (main, station, special). Here the sections with two tracks are included in the length twice, with three tracks--three times and so on.

98. The /average daily run of a freight car/ is the distance in kilometers, which is covered by a freight car of the operating fleet on the average a day and which is determined by dividing the car-kilometers by the car-days of the operating fleet of cars.

99. The /average daily run of a locomotive/ is the distance in kilometers, which is covered by a locomotive of the operating fleet on the average a day and which is determined by dividing the locomotive-kilometers by the locomotive-days.

100. The /sectional speed/ is the traveling speed of trains between sectional, classification yards with allowance made for the stopover time of the train at intermediate stations. The /running speed/, in contrast to the sectional speed, is determined without allowance made for the stopover time of the train at intermediate stations of the section.

101. The /transportation of cargo/ on railroad sidings of industrial enterprises and organizations is taken into account as the sum of the shipments of cargo, which are transferred from the sidings to the railroads of the Ministry of Railways and are taken from these roads to the sidings of enterprises and organizations, as well as of the cargo, which is hauled on the sidings within industrial enterprises and organizations.

102. The /productivity per ton of carrying capacity (per horsepower) per day of operation/ in ton-miles (ton-kilometers) is determined by dividing the ton-miles (ton-kilometers) by the ton-days (power-days) in operation,

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that is, by the carrying capacity (horsepower), which is weighted according to the time that the ships are in operation.

103. The /length of used navigable inland waterways/ is defined as the sum of the length of the transportation routes of rivers, lakes, canals, reservoirs and the Aral Sea, over which the movement of ships and the towing of rafts are carried out.

104. The used /routes with markings/ are the routes on which shore and floating signals have been installed: river beacons, buoys, ranges and other devices, which ensure the safety of shipping both during the day and at night.

105. The river /routes with guaranteed depths/ are the routes on which a set depth of the shipping lane is ensured during the entire navigation or a part of it.

106. Common carrier motor transport and special motor transport--of ministries, departments, enterprises, organizations and kolkhozes--are included in the /motor transport of the national economy/. The /common carrier motor transport/ is the motor transport of the ministries of motor transport (ministries of motor transport and highways) of the union republics and individual executive committees (trucks, buses, taxis), which carries out the transportation of passengers and various cargo for state, public and cooperative enterprises and the population.

107. The /productivity per ton of carrying capacity of the average registered vehicle/ is determined in tons or ton-kilometers by dividing the hauled tons or the performed ton-kilometers by the total carrying capacity of the average registered number of vehicles.

108. The /transportation of passengers by passenger cars of private owners/ is determined on the basis of the average registered number of passenger cars of private owners, their total mileage a year, the use of the seating capacity of the car and the length of trips.

109. The /transportation of passengers by passenger taxis/ is determined on the basis of the paid mileage, the use of the seating capacity of the passenger taxi and the distance of the trip of a passenger.

Capital Construction

110. The indicator of the /placement of fixed capital into operation/ includes the value of the finished construction and the production and nonproduction enterprises, buildings and structures, which have been put into operation; the value of the equipment of all types (which does and does not require installation), which has been put into operation; the value to tools, implements and other items, which are assigned to fixed capital; the value of perennial plantings (orchards, vineyards and so on); the value of the operations on the irrigation and reclamation of land;

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the value of dredging and bog-preparation work; the value of completed oil and gas producing wells, which have been put into operation, as well as development wells with the necessary output of petroleum or gas, which are being turned over for operation, and other expenditures connected with the increase of the value of the fixed capital.

111. The expenditures on new construction, the renovation, expansion and retooling of operating enterprises, the expenditures on housing, municipal, cultural and general construction are included in /capital investments/.

The expenditures on construction operations, including the installation of components which are a part of buildings; the expenditures on operations on the installation of equipment; on drilling operations on the production and developmental drilling of oil and gas wells; on equipment, which does and does not require installation; on the purchase of tools and implements; on planning and surveying work; on other capital operations and other expenditures are grouped with capital investments.

The expenditures on the construction of new, the renovation, expansion and retooling of operating enterprises, shops and other production facilities, as well as the expenditures on the acquisition of equipment, tools and implements of the entire extractive and processing industry, with the exception of enterprises engaged in the production of consumer goods, are grouped with the capital investments in industry for group A.

The expenditures on the construction of new, the renovation, expansion and retooling of operating enterprises, shops and other production facilities (including the expenditures on the acquisition of equipment, tools and implements) of the processing industry, which ensure the production of consumer goods (clothing, footwear, foodstuffs, furniture and so on), are grouped with the capital investments in industry for group B. Products, which are used as means of production and as consumer goods, are produced at some enterprises. In this case the breakdown of the capital investments in industry into group A and group B is made subject to the prevailing purpose of the products of this enterprise.

112. The expenditures on the construction of new, as well as the expansion, reconstruction, renovation and mechanization of already operating production projects, building and structures; the expenditures on the acquisition of equipment, tools and implements for these projects, buildings and structures; the expenditures on the construction and equipment of residential, cultural and general buildings and structures; the expenditures on the planting and cultivation of perennial crops (orchards, vineyards, plantations, nurseries and so forth); the expenditures on the performance of crop technical and other operations on the radical improvement of plowlands, meadows and pastures; the expenditures on the creation of wind shelter belts; the expenditures on the acquisition of agricultural machinery, tractors, road and construction machinery, sea-going and river fishing boats and other machinery and equipment, which are not included in the estimates for construction; the expenditures on the drafting of plans

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and estimates for construction and other capital operations and the expenditures, which are made by means of internal assets (indivisible funds) and bank credits (loans), are included in the /capital investments of kolkhozes/.

113. Only the value of built personal residences and apartments are included in the /capital investments of the population/.

114. Construction and installation organizations (the construction and installation administration, the construction administration, the mechanization administration, the administration of the chief of operations, the installation administration, the construction office, the mobile mechanized column and so forth), which belong to a construction or installation trust (or an organization equated with it), as well as construction and installation organizations, which are directly subordinate to a combine, an association, a chief or territorial administration for construction, a chief production (sectorial) administration, a ministry (department), which operate in conformity with a statute approved by a superior organization, on the basis of cost accounting, with independent reporting and an independent balance sheet, are grouped with /primary contracting organizations/.

Repair and construction organizations are not included in the published data on the number of state primary contracting construction and installation organizations.

115. The /growth rate of labor productivity in construction/ is determined according to the amount of construction and installation work in accordance with the estimated cost per worker, who is employed in construction and installation work and at subsidiary works which are included on the balance sheet of construction organizations. The labor productivity in construction is cited without regard for the amounts of work and the number of workers of interfarm construction and construction and repair organizations.

Labor

116. Workers and employees of state, cooperative and public enterprises, institutions and organizations; kolkhoz farmers and the members of the families of workers and employees of able-bodied age, who are employed in private subsidiary agriculture; other groups of the employed population (individual peasant farmers, handicraftsmen and others) are grouped with the /population employed in the national economy/. Students of able-bodied age, who are studying with leave from work, are not included among the population employed in the national economy.

The concept /"workers and employees"/ includes all categories of workmen of enterprises, institutions and organizations, that is, workers, engineering and technical, agronomic, zootechnic and veterinary personnel, teachers, physicians and other specialists, employees, junior service personnel and security personnel.

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117. The data on the average registered number of workers, in which there are taken into account the workers, who are on the registered staff of enterprises, institutions and organizations, that is, including those workers, who were absent due to illness and were on annual and additional leave, and women, who were on maternity leave, and so forth are cited in the table on the /average annual number of workers and employees/.

The /number of workers/, who are employed both in the sectors of physical production and in nonproductive sectors, are distinguished among the workers and employees in the national economy.

When determining this number the people, who are engaged directly in the process of creating physical assets, as well as the people, who are engaged in repair, the handling of cargo, the transportation of passengers, the provision of materials services and others; janitors and other building service personnel, as well as nursemaids, messengers, cloakroom attendants and security workers are grouped with workers.

118. The /average monthly wage/ of workers and employees for the national economy and by sectors of the national economy is determined by dividing the credited wage fund, including the amounts, which have been credited from the material incentive fund (except one-time assistance), as well as lump-sum and other bonuses, which are not included in the wage fund, by the average annual number of workers and employees. The grants, which are received by workers and employees from the assets of social insurance, are not included in the wage fund and the average monetary wage.

119. The /average set length of the work week/ of adult workers and employees is calculated as the arithmetic mean, which has been weighted in accordance with the number of workers and employees with one or another length of the work week, which has been set for them.

120. All people, who have a diploma (certificate) on graduation from a higher or secondary specialized educational institution or educational institutions equated with them and who are employed at enterprises, institutions, organizations and kolkhozes, regardless of the job performed by them or the held position, are included among /specialists with a higher and secondary specialized education/.

121. The data on the training and improvement of the skills of personnel directly at enterprises, institutions and organizations, as well as at schools, in courses, at educational combines, institutes and faculties for the improvement of skills are cited in the tables on the /training and improvement of the skills of workers and employees/. The cited data do not include the training of personnel in cost accounting courses and at schools (courses in typing, stenography, foreign languages, of draftsmen and so forth), which carry out the training of workers at the expense of the students themselves.

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122. The data on the /training of skilled personnel at vocational and technical educational institutions/ include the training carried out by educational institutions of the USSR State Committee for Vocational and Technical Education.

Increase of the Well-Being of the People

123. The /real income of the population/ expresses that amount of material wealth, in which are realized the monetary income and income in kind, which were received in the form of wages, payments from public consumption funds (pensions, grants, stipends and so forth), income from the private sector and other income, which is used by the population to meet its material and cultural needs. Real income is the part of the national income, which is received by the population as a result of its ultimate distribution.

Indices of the real income of the entire population, as well as indices of the real income of workers and employees and of the real income of kolkhoz farmers are calculated in order to characterize the increase of real income.

When calculating the indices of real income the comparability of the corresponding prices should be ensured, for which during the calculations the change in prices during the period being compared is taken into account.

124. The /payments and benefits/, which are received by the population from public consumption funds, include the corresponding expenditures of the state budget, state and cooperative enterprises and economic organizations, kolkhozes, trade union and other public organizations.

The expenditures on free education and the improvement of skills, free medical assistance, the expenditures for the payment of pensions, grants, stipends to students, free and concessionary travel authorizations to sanatoriums and holiday hotels, the expenditures of the state on the maintenance of housing in the area, which is not covered by the low rent in effect in the USSR, the expenditures on the payment for the annual leave of workers and several other payments and benefits are grouped with payments and benefits.

When determining the amount of the indicated payments and benefits the expenditures on instruction and other measures on education are taken without the expenditures on science, the press and art; the expenditures on all types of sociocultural measures are taken into account without the expenditures on capital investments; the expenditures on sanatorium and health resort assistance are taken without that portion of them, which is paid in part by the population, the expenditures on children's preschool institutions and boarding schools are taken without the payment of parents; the payment for leave is taken into account in an amount less the paid taxes.

125. The area of all living rooms and auxiliary rooms of apartments and dormitories (kitchens, corridors and so forth) are included in the /total

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(useful) area/ of apartment houses. The area in apartment buildings, which is designed for nonresidential facilities (communications departments, stores, drugstores, preschool institutions, libraries, recreation centers, the offices of the housing administrations, consumer service enterprises and so forth), is not included in the total area of apartment houses.

126. The /increase of the sale/ of individual goods and commodity groups is calculated in comparable prices, including the turnover of consumer co-operatives on the sale of agricultural products, which were bought at contract prices and accepted on commission.

127. The /average life expectancy/ is the number of years of life ahead on the average per person from the given generation of those born. Here it is presumed that throughout the life ahead of this generation with its transition from one age to another the death rate will be equal to the current level of the death rate of the population in the corresponding age groups.

The increase of the average life expectancy is a result of a decline of the death rate. With a decrease of the death rate the indicator of the average life expectancy increases. Thus, in conformity with international practice the indicator of the average life expectancy characterizes the average amount of life ahead for the given generation under the conditions of the present age-by-age death rate of the population.

The indicator of the average life expectancy can be obtained only by constructing so-called life tables, which contain a number of indicators which characterize the death rate by ages and the survival rate with a shift from one age to the next.

Trade

128. The /retail commodity turnover/ of state and cooperative trade is defined as the volume of the sale of goods to the population by the retail trade network, the network of public dining, as well as outside the trade network (through clothing repair and tailoring shops, repair shops, directly by industrial and transportation enterprises and others); moreover, the sale by the trade network to organizations, institutions and enterprises of foodstuffs for feeding the contingents serviced by them (at sanatoriums, children's institutions, hospitals and others) and of nonfood consumer items for their current economic needs is included in the retail commodity turnover.

Since late 1954 the organizations of consumer cooperatives have purchased from kolkhoz farmers agricultural products at contract prices, have accepted products from kolkhozes on commission and then sold them to the public. This selling is also included in the total volume and structure of the retail commodity turnover for the corresponding commodity groups.

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129. At public dining enterprises the production is taken into account in dishes. A dish (portion) is a unit of physical measurement of the dinner production, as well as of the cold and hot snacks distributed to the population. The number of dishes shows the number of units of production (portions), which are sold to the population. A dish does not involve a constant size of the portion, in particular, a half portion is considered a dish.

130. The /reserve commodity stocks/ on 1 January of each year in retail and wholesale trade as a whole in days of commodity turnover are calculated as a percentage of the turnover of the retail network during the fourth quarter of the preceding year without the turnover of consumer cooperatives on the sale of agricultural products, which were bought at contract prices and accepted on commission.

The reserve commodity stocks on 1 January of each year in wholesale trade and industry in days of turnover are calculated as a percentage of the delivery volume of goods for retail trade, for the production and operating needs of all sectors of the economy, for export and for other purposes during the fourth quarter of the preceding year.

131. The /indices of state retail prices/ of the total commodity turnover during each year are determined by evaluating the entirety of the goods sold to the population during the year in review both through retail trade and through public dining in the prices of the base period and the period under review. Here in the calculations of the price indices the establishment of temporary prices for goods of improved quality is not regarded as an increase of the prices, and accordingly their repeal is not regarded as a decrease of the prices.

132. The /marketing costs of retail trade and public dining/ in 1940 prices are calculated by recalculating the commodity turnover according to the indices of state retail prices and the physical marketing costs according to the corresponding indices of prices and tariffs.

133. The data on the /number of seats/ are cited for public dining enterprises, which have a dining hall equipped with seats.

134. The sale of agricultural products by kolkhozes, kolkhoz farmers and other groups of the population, who have a private plot, to workers, employees and organizations at contract prices is included in the /sales volume on the kolkhoz intravillage market/. The sale of goods by kolkhozes and kolkhoz farmers to each other constitutes the /intravillage market turnover/, which is not a part of the turnover of the intravillage kolkhoz market.

Public Education and Culture

135. Students who completed the seventh grade of seven-year and secondary schools are included among the students who graduated from an incomplete

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secondary school prior to 1962. In connection with the introduction of a universal compulsory eight-year education in the country there was no graduating class of students from the seventh grade in 1962; all the students should have continued studying in the eighth grade. Since 1963 the students who have completed the eighth grade of eight-year and secondary schools have been included among the students who have graduated from an incomplete secondary school.

136. The libraries, which have a universal book collection and meet the mass demands of the population for literature, are grouped with /general libraries/. These libraries may be carried on an independent budget (independent libraries) or on the budget of trade union organizations, enterprises, institutions and so forth. Since 1962 public libraries have been taken into account among the general libraries.

General libraries are administered by state and public organizations and kolkhozes.

In addition to general libraries attached to enterprises and institutions, higher and secondary specialized educational institutions, schools and other institutions there are also /scientific, academic, technical and other special libraries/.

137. Since 1964 public clubs have been taken into account among /club institutions/.

Finance and Credit

The data of the section are cited in the actual prices which were in effect each year, except for the data on the profitability of industrial enterprises by sectors of industry, which are also cited in comparable prices.

138. The profit, the turnover tax and other receipts, which are a part of the net revenue of the national economy, are included in the /monetary accumulations/. The turnover tax directly enters the revenue of the state budget and is used for national needs. A portion of the profit, which is received by enterprises, in conformity with the plans is used by them for the further development of facilities (capital investments, the increase of working capital and others), for the creation of economic stimulation funds (the material incentive fund, the fund for sociocultural measures and housing construction, the production development fund, the fund of the enterprise for the improvement of the cultural and living conditions of the workers and the improvement of production and so on). The other part of the profit is contributed by enterprises to the state budget and is also used for national needs.

The data on the profit, which are cited in the yearbook, characterize the net profit (less the planned and unplanned losses), which was received by enterprises and organizations. The profit by individual sectors of the

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national economy is determined on the basis of the reports of independent cost accounting enterprises of the corresponding sector. Here the financial results of the activity of subsidiary works are included in the indicators of the enterprises of the main sector.

139. The /profitability of industrial enterprises/ is calculated by comparing the profit or all the monetary accumulations with the value of the fixed capital and working capital.

The sum of the balance sheet profit, which includes the profit (loss) from the sale of industrial products, the profit from the sale of the products and services of the subsidiary and ancillary works of industry, as well as other planned and unplanned revenues and losses of enterprises, is taken as the profit; the average annual value (the initial value excluding wear) of all fixed production capital, that is, the industrial fixed capital and the productive capital, which belong to enterprises of other sectors of the national economy (subsidiary agricultural enterprises, procurement, transportation and other enterprises and organizations), which are taken into account on the balance sheet of industrial enterprises, is taken as the value of the fixed capital; the average annual balances of working capital, which has been invested in reserves of commodity stocks--production stocks (raw materials, materials, fuel, spare parts, inexpensive implements and others), the expenditures on unfinished production, the expenditures of future periods and stocks of finished production--are taken as the working capital. Here all working capital, regardless of the sources of its formation, that is, including that which has been lent by a bank, is taken into account.

The profitability of industrial enterprises by sectors of industry is cited on the basis of the prices and conditions of the corresponding years, as well as with allowance made for conversion into the comparable prices and conditions of 1975.

When recalculating the profitability, in addition to the changes in the prices for individual types of products, the introduction on 1 January 1975 of new standards of amortization and the value of the capital after its revaluation on 1 January 1972, the increase of the wages of industrial workers, changes in the methodology of forming the profit and others are taken into account.

The data on all the monetary accumulations of industrial enterprises include, in addition to the profit, also the turnover tax, special surcharges, which are levied upon the sale of products in excess of the base price, as well as other amounts, which directly enter the revenue of the state budget, but are a part of the net income of industry.

The data on the profitability, which are cited in the yearbook, pertain to industrial enterprises which are carried on an independent balance sheet.

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140. The /profitability for other sectors of the national economy/ (except industry) in conformity with the prevailing methods is determined:

for /transportation/ by comparing the profit with the average annual value of the fixed production capital and the working capital; here the profitability of river transport is calculated without the navigation service, which is maintained at the expense of the state budget;

for /contracting construction organizations/ by comparing the profit with the actual cost of contractual construction operations;

for /trade organizations/ by comparing the profit with the volume of the commodity turnover (the retail and wholesale commodity turnover and the commodity turnover of public dining) and, in addition, with the amount of the marketing costs. The data on the profitability in trade are cited for the Ministry of Trade, departments of workers' supply and offices of food supply for workers and employees, the Main Administration for the Distribution of Printed Matter, Aptekoupravleniye, Knigotorg and consumer cooperatives.

141. The /working capital/ is the sum of the working productive capital and the capital of circulation. The working capital is formed by means of the assets, which the state has put at the disposal of individual enterprises and economic organizations in the amounts established by standards (internal working capital), as well as by means of credits granted by banks and the assets, which are temporarily in the circulation of enterprises before the completion of settlements with the state budget, supplies and other creditors.

142. The /economic stimulation funds/ are formed by means of deductions, which are made by enterprises from the profit, deductions, which are included in the production cost, the cost of operations and services, and other sources.

143. The /USSR State Budget/ includes the union budget, the budgets of the union republics, which, in turn, consist of the republic and local budgets. The USSR State Budget also includes the budget of state social insurance.

144. The /expenditures on sociocultural measures and science/ from the state budget and other sources include:

- a) the expenditures on sociocultural measures (including capital investments) of the state budget and the budget of state social insurance;
- b) expenditures on pensions and grants to kolkhoz farmers from the centralized union fund of social insurance, which is created through the state budget and the assets of kolkhozes;
- c) the expenditures on sociocultural measures of state and cooperative enterprises and organizations, namely: capital investments in the

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construction of sociocultural facilities through sources of financing of the national economy, the expenditures on the training of personnel and scientific research through the enterprises' own assets and assets received by them from the state budget for economic measures; the expenditures on the cultural and personnel needs of workers and employees from economic stimulation funds, other funds, as well as at the expense of the profit of enterprises and organizations;

d) the expenditures of trade unions and public organizations on the cultural and personnel needs of workers;

e) the monetary expenditures and expenditures in kind of kolkhozes from the fund for social and personal measures and the fund of social security and material assistance to kolkhoz farmers in the form of payments to kolkhoz members for work at cultural and service institutions, for the time that women are on maternity leave and others with the valuation of the payments in kind at state retail prices, as well as the expenditures on the construction of buildings for cultural and general purposes, the expenditures on grants, the sanatorium and health resort service of kolkhoz farmers from the centralized fund of social insurance of kolkhoz farmers;

f) the expenditures at the expense of other sources.

145. The /extension of credit by banks to the national economy and the population/ includes the short-term and long-term credits, which have been granted to state and cooperative enterprises and organizations and kolkhozes, as well as to the population by institutions of the USSR State Bank and the All-Union Bank for Financing Capital Investments.

USSR Foreign Economic Contacts

146. The /foreign trade turnover/ is shown with the inclusion of reexports. The export and import of goods by way of outright aid and other noncommercial operations (parcel postage, baggage and others) are not included in the foreign trade turnover. The exports and imports are given strictly for the calendar period, regardless of by means of what trade agreement and the plan of what period the export and import of goods were carried out.

The exports and imports are taken into account at FOB prices, that is, for exports the overhead to the Soviet port or the USSR line of navigation is included in the value of the goods; for imports the overhead to the foreign port or the line of navigation of the country of origin is included in the value of the goods.

The absolute volume of the foreign trade turnover, exports and imports of the USSR as a whole with CEMA member countries includes the data from the year of admission of each country to the Council for Mutual Economic Assistance, while the growth rate is specified for all these countries for all the cited years.

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147. The indicators of the /economy and culture of capitalist countries/ in all instances (except those specifically stipulated) are cited on the basis of publications of the official statistics of the individual countries and the individual capitalist associations or the official statistical bulletins and collections of international organizations.

The appropriate recalculations have been made in order to ensure the comparability of the statistical data in instances when the methods of the individual indicators of Soviet and foreign statistics are different. Such recalculations were made, in particular, when comparing the following indicators for the USSR and the United States and other capitalist countries:

a) when comparing the /national income/. The statistics of the United States (just as the statistics of other bourgeois states) includes in the total national income not only the results of physical production, but also nonproductive services. The double counting of the revenue of services was in different years 25-30 percent of the officially published total national income of the United States.

In Soviet statistics the national income is regarded not as the simple sum of all types of revenues, as is customary in bourgeois statistics, but as the sum of the primary revenues obtained in the sphere of physical production.

For comparability it is necessary to recalculate the U.S. national income according to the methodology used in the USSR, that is, to exclude for the United States the sum of the double counting of the revenue of services, as well as to evaluate the national income of the USSR and the United States in comparable prices. The calculations which were made show that the USSR national income in 1978 was 67 percent of the U.S. national income.

It should also be taken into account that U.S. statistics, like the statistics of other capitalist countries, makes a deliberate distortion when calculating the indicators of the breakdown of the national income, which has as its goal the significant exaggeration of the share of the workers;

b) when comparing the /total industrial production volume/ the gross production of U.S. industry was regrouped according to the classification used in the USSR. Several versions of the calculations of the gross industrial production of the USSR and the United States in comparable prices were made. The calculations which were made show that the USSR industrial production volume in 1978 was more than 80 percent of the U.S. industrial production. This ratio is also confirmed when comparing the production of the most important types of industrial products in physical terms;

c) when comparing the /generation of electric power/. In many capitalist countries the indicators of the generation of electric power are cited for the release of electric power from the collecting bars (that is, without the electric power which was consumed by general-purpose electric power

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stations for their own internal needs), while in the USSR the generation of electric power is usually characterized by the data on the gross generation of electric power. For the purposes of comparability of the indicators of the generation of electric power the gross generation of electric power by capitalist countries is calculated, while in some instances the release of electric power from the collecting bars is determined for the USSR;

d) when comparing the /production of steel/. The steel, which was smelted at specialized enterprises for the production of cast material, which do not produce bars, is added to the production of steel for the United States for the purposes of comparability with the data for the USSR; approximately 2.7 millions tons of steel in terms of molten steel were smelted at these enterprises in 1978;

e) when comparing the /agricultural production volume/. All types of agricultural products in physical terms for the USSR and the United States are evaluated in comparable prices. The results of the calculations which were made show that the USSR agricultural production volume on the average in 1976-1978 was approximately 85 percent of the U.S. agricultural production;

f) when comparing /labor productivity in industry/. In order to compare the data of the USSR and the United States the number of workers in U.S. industry was recalculated according to the classification used in the USSR. Moreover, the data for the USSR are lowered in connection with the different methods of estimating the registered staff in the USSR and the United States; in the USSR not only those who actually worked, but also those who were absent from work in connection with trips for the improvement of skills, correspondence students who received leave to take examinations, and people performing state duties are included in the number of workers (industrial personnel directly engaged in production); the workers of the USSR have the right to a longer period with pay in case of temporary disability and so on. On the other hand, a downward adjustment is made in the data for the United States, since the number of those employed in American industry also includes strike members.

After the appropriate adjustments the number of workers (industrial personnel directly engaged in production) in USSR industry (including kolkhoz industry) in terms of the average annual number in 1978 was 35 million, while in U.S. industry (for a group approximately comparable with the USSR) it was 25 million. Thus, the number of workers in USSR industry was 140 percent of the number of workers in the United States. On the basis of these data (the industrial production in the USSR is more than 80 percent of the U.S. production, while there are 40 percent more workers than in the United States) it turns out that the labor productivity of industrial personnel directly engaged in production in the USSR in 1978 was more than 55 percent of the labor productivity in U.S. industry;

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g) when comparing the /labor productivity in agriculture/. According to the data of American statistics, the number of workers employed at U.S. farms on the average in 1966-1978 was 4.5 million. However, American statistics to a considerable extent does not take into sufficient account the number of hired workers and the members of the families of farmers, who work a partial work week (the members of the families of farmers, who perform unpaid labor at farms, are included among those employed only if they spend 15 or more hours during the week in question). Moreover, the expenditures of labor for a number of agricultural operations, which are performed in the USSR by kolkhozes and sovkhoses, at U.S. farms are made by enterprises of other sectors. Among them are the cleaning and drying of grain, the hauling of agricultural produce to the city, the delivery of means of production to farms, the partial preparation of fodders for livestock and others.

For the purposes of comparability of the expenditures of labor it is necessary to make the appropriate adjustments in the data of American statistics. With allowance made for these adjustments it turns out that on the average during 1966-1978 not 4.5 million people, but about 6.5 million were employed in U.S. agriculture. On the average in 1966-1978 in average annual terms 28.8 million people, including adolescents and elderly people, who took part in agricultural operations, were employed in all USSR agriculture, including those employed in the private subsidiary agriculture of kolkhoz farmers, workers and employees (not counting, of course, the time spent on housework which is not connected with agricultural production). Thus, the average annual number of workers employed in USSR agriculture was approximately fourfold more than in the United States, while the agricultural production volume on the average in 1966-1978 was approximately 85 percent of the U.S. level.

h) when comparing the /number of students/. Candidates for the academic degrees of master and doctor of sciences, foreign students and students of seminaries and military higher educational institutions are excluded from the official data for the United States.

All the recalculations for the enumerated indicators were made for the purpose of comparing the absolute levels for the corresponding years in the USSR and capitalist countries. The growth rates in all instances are cited in accordance with the official statistics of the capitalist countries without recalculation.

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